

**Report from European Coordinator**  
*Prof. Dr. Dr.h.c.mult. Bernd M. Rode m.p.*

Unfortunately, the financial crisis of Europe had its impact also on ASEANUNET in the intersessional period 2011 – 2012. Some of the European member institutions have restricted their international activities as a consequence of reduced budgets, some have even withdrawn from the Network.

Even in Austria, some drastic reductions of budget had to be imposed by the Federal Ministry for Science and Research. While the project budget could be maintained at the level of 2010 also for 2011 and 2012, the budget available for Technology Grants was reduced twice, in 2010 to 2/3 of the original amount, and to less than 50% in 2011. This value already includes a number of Ernst-Mach grants provided at the disposition of ASEANUNET as a partial compensation. As a consequence the scholarship programme had to be focused on an alternating selection of countries each year.

On the other hand, some new Universities have become member or expressed their intention to do so, thus ensuring that the scope, the spirit and the success of the Network are maintained and appreciated by the European institutions in general.

The upcoming European chairmanship of ASEANUNET will hopefully intensify this positive development, despite of the financial problems encountered.

**Report from Austria**

*Prof Dr Amin Tjoa*

General data and facts regarding ASEANUNET activities in Austria in 2011/2012 as following :

Austria continue the activity of academic exchange involving numerous researchers and students within various co-operations and projects . There were several official visits from different delegations of Asian and European governmental bodies and partner universities between the two continents. Between 2011 and 2012 over 200 individual projects of Austrian member-universities with Asian member-universities were financially supported . Austria also continued the Thai-Austrian Programme for on-place scholarships for students from Laos and Cambodia in Thai host-universities (Graduate scholarships at Thai universities with co-funding from Austria)

The ASEANUNET coordinators had the opportunity to accompany an official visit from Federal-Minister of Higher Education, Beatrix Karl (13th – 20th February 2011) to South-East-Asia – attending the official invitation celebrating the 30<sup>th</sup> anniversary of the-cooperation between Austrian and Thailand universities, with a visit from HRH Princess Maha Chakri Sirindhorn of Thailand in July 2011 in Innsbruck. During the celebration , HRH Princess of Thailand conferred the Thai Royal Decorations to Professor Dr. DDDDr.h.c. B.Rode, Professor Dr. A.M.Tjoa and Professor Dr. W. Kofler

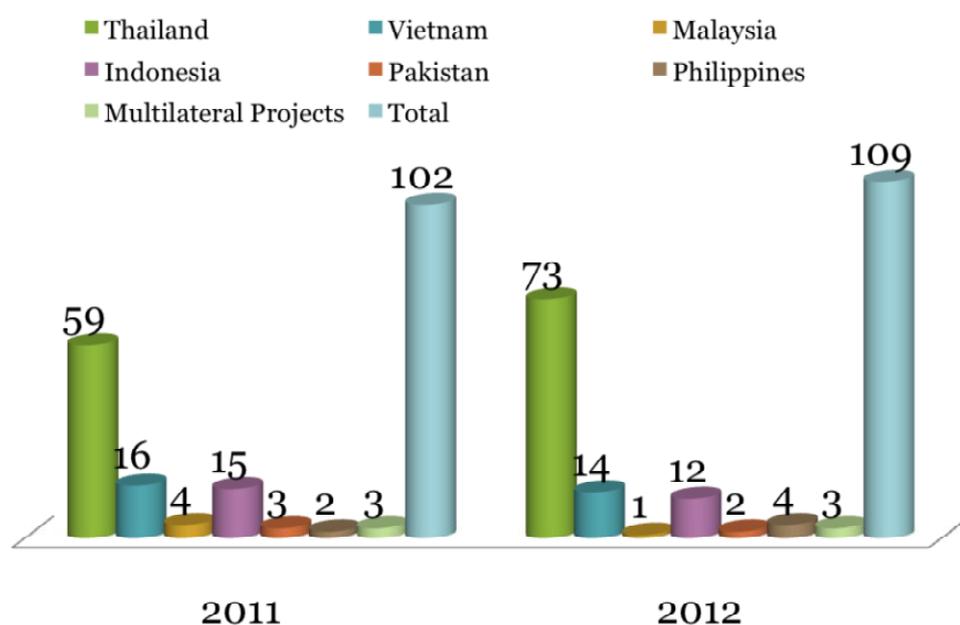
The ASEA-UNINET coordinators had another opportunity to accompany an official visit from the President of Austria Heinz Fischer to Malaysia & Indonesia (6<sup>th</sup> – 10<sup>th</sup> November 2011) as well as Vietnam (May 2012)

In December 2011 , University of Technology Vienna had the opportunity to receive an official delegation from Vietnam led by the Deputy Prime Minister . The visit was fruitful through a round table discussion between the ASEA-UNINET coordinators and representatives of the Austrian Government.

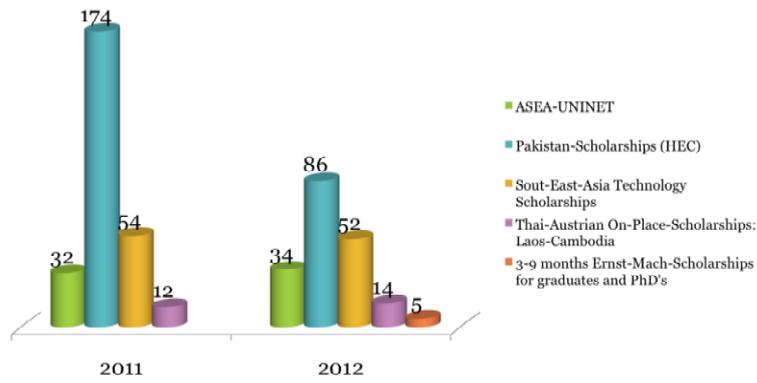
Bilateral agreements signed between the Ministers of Higher Education from Indonesia and Vietnam concerning co-financed scholarships. Candidates will be selected with the help of Austrian ASEA-UNINET-Coordinators holding interviews in Vietnam and Indonesia

The 13<sup>th</sup> National Coordinator Meeting was conducted in Passau (29<sup>th</sup> April – 3<sup>rd</sup> May 2012) organized by University of Passau, under the leadership of the National Coordinator , Univ.Prof. Dr. R. Korff

The Austrian university received official visit from Prof. Atta-ur-Rahman (President Pakistan Academy of Sciences,) in Vienna and Innsbruck (December 2012)



Graphs demonstrating the number of projects pre country in 2011 and 2012



Graph demonstrating distribution of Incoming Scholarship in 2011 / 2012

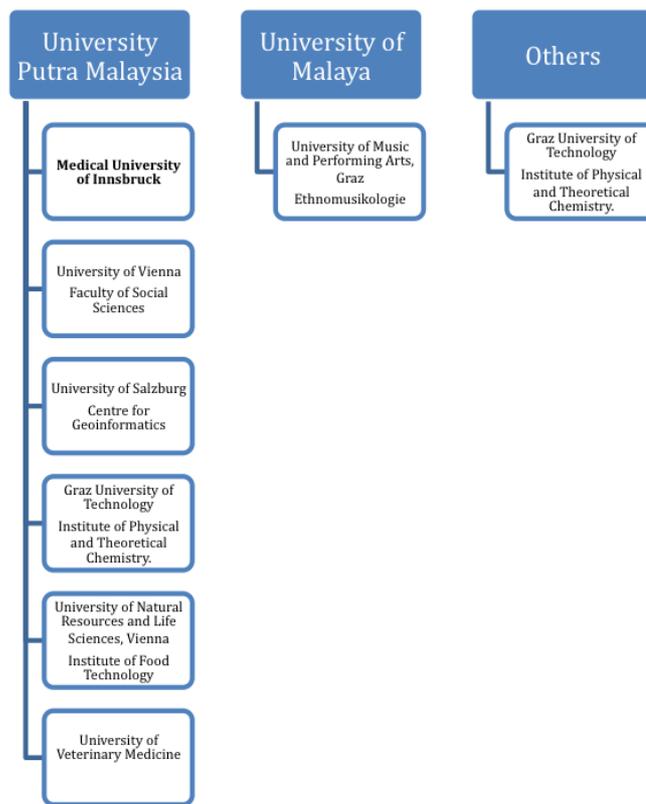


Diagram demonstrating the relationship of Austrian-Malaysian University

University  
of Malaya

University of Music and  
Performing Arts, Graz  
Ethnomusikologie

Diagram demonstrating the new project starting in 2012 in Music with University Malaya

**Examples of Austrian Research-Cooperation  
within the ASEA-UNINET framework 2011/2012**

	<b>Indonesia</b>	<b>Malaysia</b>	<b>Pakistan</b>	<b>Philippines</b>	<b>Thailand</b>	<b>Vietnam</b>
<b>University of Innsbruck</b>	Computational Chemistry, Chemometrics and Physics Geographical Information Systems and Geodetic Engineering Transportation and Tunnel Engineering Applied Mathematics		Siltation of reservoirs in Pakistan		Computational Chemistry, Chemometrics and Physics Geographical Information Systems and Geodetic Engineering Transportation and Tunnel Engineering Physical Chemistry Applied Mathematics	Computational Chemistry, Chemometrics and Physics Physical Chemistry Applied mathematics
<b>University of Vienna</b>	Computational Chemistry, Chemometrics and Physics				Computational Chemistry, Chemometrics and Physics	Computational Chemistry, Chemometrics and Physics Analytical Chemistry
<b>University of Graz</b>	Transportation and Tunnel Engineering				Transportation and Tunnel Engineering	Research Cooperation
<b>Johannes Kepler University Linz</b>	Geographical Information Systems and Geodetic Engineering				Geographical Information Systems and Geodetic Engineering	Research Cooperation
<b>University of Salzburg</b>	Workshops on the subject "SPATIALreason"	Workshops on the subject "SPATIALreason"		Workshops on the subject "SPATIALreason"	Education Module Communication Cultural Heritage Geographically Integrated Natural Disaster Management Workshops on the subject "SPATIALreason"	Workshops on the subject "SPATIALreason"
<b>Vienna University of Technology</b>	Geographical Information Systems and Geodetic Engineering Information Sciences & Technology Environmental Engineering and Sciences				Geographical Information Systems and Geodetic Engineering Information Sciences & Technology Environmental Engineering and Sciences	Information Sciences & Technology Environmental Engineering and Sciences

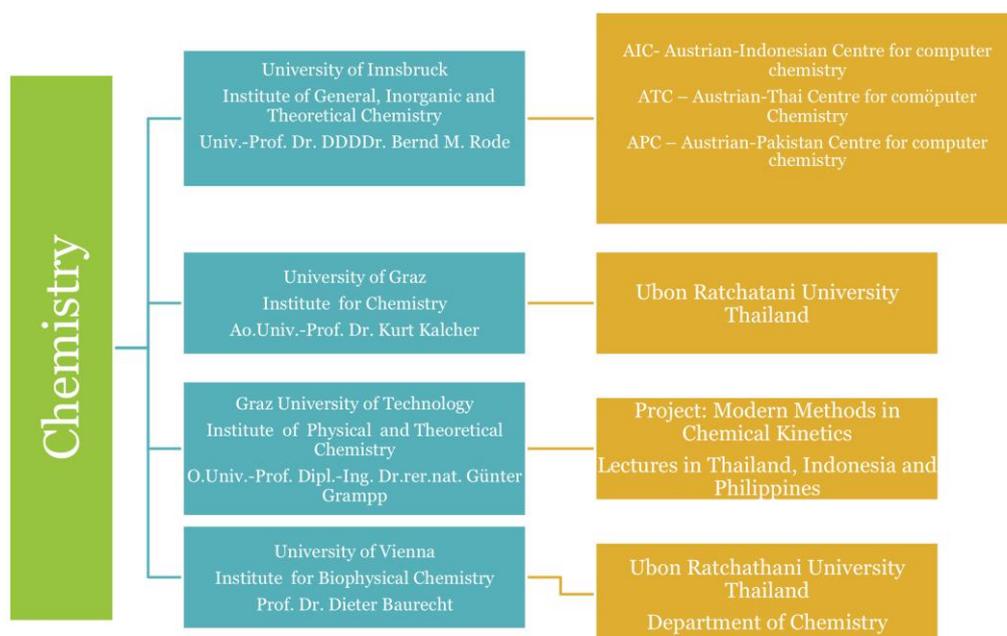
**Examples of Austrian Research-Cooperation  
within the ASEA-UNINET framework 2011/2012**

	Indonesia	Malaysia	Pakistan	Philippines	Thailand	Vietnam
<b>Graz University of Technology</b>	Automotive Engineering Material Sciences and Nanotechnology Transportation and Tunnel Engineering			Internal Combustion Engines and Thermodynamics (Lecture)	Automotive Engineering Material Sciences and Nanotechnology Transportation and Tunnel Engineering Physical Chemistry	Automotive Engineering Material Sciences and Nanotechnology Physical Chemistry
<b>University of Natural Resources &amp; Applied Life Sciences, Vienna</b>	Environmental Engineering and Sciences Agriculture and Food Technology Erasmus Mundus Project	Lecture "Food Biotechnology" Erasmus Mundus Project			Environmental Engineering and Sciences Agriculture and Food Technology Erasmus Mundus Project	Environmental Engineering and Sciences Agriculture and Food Technology Erasmus Mundus Project
<b>Vienna University of Economics and Business</b>	International Summer-University Selection of Scholars			International Summer-University	Selection of Scholars	International Summer-University Selection of Scholars
<b>Montanuniversität Leoben</b>	Material Sciences and Nanotechnology				Material Sciences and Nanotechnology	Material Sciences and Nanotechnology
<b>University of Veterinary Medicine, Vienna</b>		Internship			Post-Doc-Training (Aflatoxin-Kontamination)	Scholarship (1 year)
<b>University of Music &amp; Performing Arts, Vienna</b>					Projects in the field of music Scholarships	
<b>University of Music &amp; Performing Arts, Graz</b>		Book Project Cooperation (Memorandum of Understanding, MoU)				
<b>University Mozarteum, Salzburg</b>					Selection of Scholars	
<b>Medical University Innsbruck</b>		Medical Nuclear Imaging (PET/CT)			Cooperation (Teaching week) Clinical Traineeship	
<b>Medical University Graz</b>	Clinical Traineeship				Clinical Traineeship	Clinical Traineeship
<b>Medical University of Vienna</b>					Clinical Traineeship	

There were more than 200 projects between the year 2011 and 2012

Ongoing examples of cooperation.....

in the field of Chemistry



# University of Vienna

- Faculty of Chemistry
- Thailand, Vietnam
- Department of Education
- Thailand
- Department of Development Studies
- Thailand
- Department of Communication
- Thailand
- Department of Geodynamics and Sedimentology
- Thailand
- Department for Nutritional Research,
- Indonesia
- Department of Geography and Regional Research
- Thailand
- Department of Lithospheric Research
- Thailand
- Department of Structural and Computational Biology
- Thailand
- Institute of Mineralogy and Crystallography
- Thailand
- Multimedia Information Systems Research Group
- Thailand
- Department of Drug and Natural Product Synthesis
- Thailand
- Faculty of Physics, Aerosol Laboratory
- Thailand
- Institute of Prehistory
- Thailand
- Department of Social and Cultural Anthropology
- Thailand

with universities

# Vienna University of Technology

## Faculty of Informatics

- Thailand, Indonesia

## Faculty of Architecture and Regional Planning

- Indonesia

## Institute of Software Technology and Interactive Systems

- Vietnam, Indonesia

## Institute of Transportation

- Thailand

## Faculty of Mathematics and Geoinformation

- Indonesia

## **Future expectations**

1. Extending the Thai-Austrian Program On-Place Scholarships for students from Laos and Cambodia with possible inclusion of Myanmar
2. Double/Joint-degrees at Master and PhD level amongst the ASEA-UNINET partners
3. Internship programs
4. Strengthening cooperation within the present ERASMUS-MUNDUS program  
Joint-lab initiatives

## **Report from Italy**

*Prof Dr Carla Locatelli*

I would like to start by indicating that a new University has joined Asea-Uninet, and was formally accepted as a member in Passau. I am talking about the University of Brescia, a very good University in the North of Italy, particularly committed to medical sciences understood in a broad sense. We are happy to have among us Prof. Maurizio Memo, and I am sure he will appreciate relating to many of you whom he does not know, whom he has not met yet.

Furthermore, you may remember that In Italy there are three more Universities, long standing members, and active ones in the network: The University of Genoa, The Polytechnic of Milan, and the University of Trento.

Here is a brief synthesis of activities carried out by each one in the year 2010-2011. They have all responded to our Chairman Prof. Dr. A Jalil Nordin invitation to fill a template-questionnaire, so that the specific data are available to all in detail. What I regret to emphasize here is something that, unfortunately, has become a feature of our economic crisis: the reduction of resources for Higher Education.

This does not mean, however, that we have “given up” our commitment in promoting valuable academic and relationships with the members of AseaUninet.

As a matter of fact, besides some support from the Italian Ministry of Foreign Affairs, we have access to European Resources and EU funding, so that our activities do not suffer too much.

In fact, you will see that exchanges have been stimulating in terms of research prospects as well as student mobility. I think that an interesting fact is happening: even if we cannot always offer scholarships, more and more students come to Italy to study, especially at PhD and Master level. This is due to the fact that we offer many full curricula in English, and that some Asian students receive financial support from their own countries.

### ***University of Brescia***

Starting from the latest University to join the group, we can see that they have been very active. 2 Engineering Phd students came from Vietnam (Vietnam Water Resources University), with whom there is a project for expansion, 1 PhD student from Moscow State University. All financed by the Italian Ministry of Foreign Affairs. With both these Universities there are ongoing research projects, and some discussion with Moscow to establish a Joint Doctoral degree.

The staff exchange has been active with 2 professors and 1 lecturer coming to Brecia from Vietnam, 1 lecturer from Chiang Mai University in Thailand, 1 Professor has visited Brescia from University of Togliattiy (Russia).

**STUDENT EXCHANGE PROGRAM 2012**

<b>UNIVERSITY of ORIGIN</b>	<b>HOST UNIVERSITY</b>	<b>PROJECT TITTLE / AREA</b>	<b>NUMBER of STUDENTS / LEVEL OF STUDY</b>	<b>DURATION (WEEKS)</b>	<b>SOURCE of FINANCIAL SUPPORT</b>
Vietnam Water Resources University - Hanoi	University of Brescia	Engineering	2 phd	1 year	Italian Ministry of foreign affairs
Moscow state University	University of Brescia	Engineering	1phd		Italian Ministry of Education

**STAFF EXCHANGE PROGRAM 2012**

<b>UNIVERSITY of ORIGIN</b>	<b>HOST UNIVERSITY</b>	<b>PROJECT TITLE</b>	<b>NUMBER of STAFF</b> Professor, Assoc Professor, Lecturer, Post – Doc, Reaseracher (Junior o senior), Administrative Clerk	<b>DURATION</b> <b>(WEEKS )</b>	<b>SOURCE of FINANCIAL SUPPORT &amp; APPROXIMATE AMMOUNT</b>
University of Brescia	Vietnam Water Resources University - Hanoi	Study of a hydrological system to assist flood control in the Red River Delta	2 Professor 1 Lecturer	1 week 1 week	Italian Ministry of Foreign Affairs/University of Brescia
Chiang Mai University – Thailandia	University of Brescia	Chemical sensors	1 Lecturer	10 weeks	Thai Ministry
University of Brescia	University of Togliatty (Russia)		1 professor	1 week	University of Brescia

**Future Plans** ( continue activity / increase number of mobilization / to include other disciplines / supervising visit )

1. A project under construction with Water Resources University

**SPECIFIC PROGRAM 2012**

<b>JOINT ACTIVITY</b>		<b>PROJECT TITTLE</b>	<b>DURATION (WEEKS )</b>	<b>SOURCE of FINANCIAL SUPPORT</b>
<b>UNIVERSITY of ....</b>	<b>UNIVERSITY OF .....</b>			
Chiang Mai University – Thailandia	University of Brescia	13a Asian Conference on Chemical Sensors - ACCS 2013	1 week	
Moscow state University	University of Brescia	Joint doctoral degree		
Moscow state University	University of Brescia	"Surface ionization and novel concepts in nano-MOX gas sensors with increased Selectivity, Sensitivity and Stability for detection of low concentrations of toxic and explosive agents" S3 project 09/2009-08/2012		(EU Grant agreement n° 247768 and Russian Federation Government, State Contract 02.527.11.0008),

**University of Genova**

Foreign students enrolled at Genova and coming from AseaUninet countries:

Spain nr. 209; Germany nr. 67; Russian Federation nr. 63; Greece nr. 64; Austria nr. 14; Pakistan nr. 11; Holland nr. 8; Philippines nr. 6; Indonesia nr. 2; Vietnam nr. 6; Chzec Republic nr. 5; Denmark nr. 4;Thailand nr. 1

University of Genova is partner in an Erasmus Mundus Programme EMMA East (lotto 12), coordinated by Nice (France). 5 Asian Countries are involved: Cambodia, Laos, Phililippines, Thailand and Vietnam, and 5 European countries are involved: France, Germany, Italy, Poland and Romania.

20 students from the partner countries are now present in Genova, and 4 staff member will visit, coming from partner Universities.



**STUDENT EXCHANGE PROGRAM 2012**  
**Erasmus Mundus EMMA East (Erasmus Mundus Mobility with Asia)**

<b>UNIVERSITY of ORIGIN</b>	<b>HOST UNIVERSITY</b>	<b>PROJECT TITLE / AREA</b>	<b>NUMBER of STUDENTS / LEVEL OF STUDY</b>	<b>DURATION</b>	<b>SOURCE of FINANCIAL SUPPORT</b>
Royal University of Phnom Penh	Università degli Studi di Genova	Political Science Economics Foreign Languages and Literature	1 Master 4 Undergraduate	22 months 6/6/6/34 months	European Commission (EC)
Ateneo de Manila University	Università degli Studi di Genova	Foreign Languages and Literature Medicine	3 Undergraduate	6/6/6 months	European Commission (EC)
University of the Philippines	Università degli Studi di Genova	Foreign Languages and Literature Arts and Philosophy	1 Master	6 months	European Commission (EC)
Prince of Songkla University	Università degli Studi di Genova	Foreign Languages and Literature Mathematical, Physical and Natural Sciences	2 Post Doc 2 Undergraduate	6/6 months 6/6 months	European Commission (EC)
Ho Chi Minh City University of Technology	Università degli Studi di Genova	Mathematical, Physical and Natural Sciences	1 Ph. D. 1 Undergraduate	34 months 6 months	European Commission (EC)

Vietnamese Academy of Science and Technology	Università degli Studi di Genova	Mathematical, Physical and Natural Sciences	2 Post Doc	6/10 months	European Commission (EC)
			1 Master	6 months	
Hanoi National University of Education	Università degli Studi di Genova	Mathematical, Physical and Natural Sciences	1 Post Doc	10 months	European Commission (EC)
Hanoi University of Technology	Università degli Studi di Genova	Mathematical, Physical and Natural Sciences	1 Master	22 months	European Commission (EC)

**SPECIFIC PROGRAM 2012**

<b>JOINT ACTIVITY</b>		<b>PROJECT TITTLE</b>	<b>DURATION</b>	<b>SOURCE of FINANCIAL SUPPORT</b>	<b>SPECIAL NOTE</b>
<b>UNIVERSITY of ....</b>	<b>UNIVERSITY OF .....</b>				
UNIVERSITA DEGLI STUDI DI GENOVA -ITALIA GREENSEA SAS -FRANCE UNIVERSITE CATHOLIQUE DE LOUVAIN – BELGIQUE FEDERAL STATE UNITARY ENTERPRISE STATE SCIENTIFIC-RESEARCH INSTITUTE OF GENETICS AND BREEDING OF INDUSTRIAL MICROORGANISMS – Russian Federation ALGAE HEALTH LIMITED - IRELAND UNIVERSIDADE DE SANTIAGO DE COMPOSTELA - ESPAÑA UNIVERSITE DE NICE - SOPHIA ANTIPOLIS -FRANCE UNIVERSIDADE ESTADUAL DE CAMPINAS -BRAZIL INSTITUTO POLITECNICO DE LEIRIA- PORTUGAL UNIVERSITEIT GENT- BELGIQUE	UNIVERSITA DEGLI STUDI DI GENOVA -ITALIA GREENSEA SAS -FRANCE UNIVERSITE CATHOLIQUE DE LOUVAIN – BELGIQUE FEDERAL STATE UNITARY ENTERPRISE STATE SCIENTIFIC-RESEARCH INSTITUTE OF GENETICS AND BREEDING OF INDUSTRIAL MICROORGANISMS – Russian Federation ALGAE HEALTH LIMITED - IRELAND UNIVERSIDADE DE SANTIAGO DE COMPOSTELA - ESPAÑA UNIVERSITE DE NICE - SOPHIA ANTIPOLIS -FRANCE UNIVERSIDADE ESTADUAL DE CAMPINAS -BRAZIL INSTITUTO POLITECNICO DE LEIRIA- PORTUGAL UNIVERSITEIT GENT- BELGIQUE	BAMMBO - Sustainable production of biologically active molecules of marine based origin	36 MONTHS	Seventh Framework Programme	Scientific Respons.: Prof. ROBERTO PRONZATO Small or medium-scale focused research project. BAMMBO will provide innovative solutions to overcome existing bottle-necks associated with culturing marine organisms in order to sustainably produce high yields of value-added products
UNIVERSITA DEGLI STUDI DI GENOVA -ITALIA PIAGGIO AERO INDUSTRIES SPA -ITALIA UNIVERSITA DEGLI STUDI DI SALERNO- ITALIA DEUTSCHES ZENTRUM FUER LUFT - UND RAUMFAHRT EV -	UNIVERSITA DEGLI STUDI DI GENOVA -ITALIA PIAGGIO AERO INDUSTRIES SPA - ITALIA UNIVERSITA DEGLI STUDI DI SALERNO- ITALIA DEUTSCHES ZENTRUM FUER LUFT - UND RAUMFAHRT EV -	RECEPTivity and amplitude-based transition prediction	54 MONTHS	Seventh Framework Programme	Scientific Respons.: Prof. ALESSANDRO BOTTARO Small or medium-scale focused research project. The RECEPT project will deliver upstream aerodynamics research that will contribute (i) to the drive to strengthen the competitiveness of European manufacturing industry, (ii)

JOINT ACTIVITY		PROJECT TITLE	DURATION	SOURCE of FINANCIAL SUPPORT	SPECIAL NOTE
UNIVERSITY of ....	UNIVERSITY OF .....				
DEUTSCHLAND SAAB AKTIEBOLAG -SVERIGE OFFICE NATIONAL D'ETUDES ET DE RECHERCHES AEROSPATIALES -FRANCE UNIVERSITAET STUTTGART - DEUTSCHLAND CENTRO ITALIANO RICERCHE AEROSPAZIALI SCPA- ITALIA AIRBUS OPERATIONS GMBH- DEUTSCHLAND SA KHRISTIANOVICH INSTITUTE OF THEORETICAL AND APPLIED MECHANICS OF SIBERIAN BRANCH OF RUSSIAN ACADEMY OF SCIENCE*ITAM OF SB RAS - Russian Federation TOTALFORSVARETS FORSKNINGSSINSTITUT -SVERIGE	DEUTSCHLAND SAAB AKTIEBOLAG -SVERIGE OFFICE NATIONAL D'ETUDES ET DE RECHERCHES AEROSPATIALES -FRANCE UNIVERSITAET STUTTGART - DEUTSCHLAND CENTRO ITALIANO RICERCHE AEROSPAZIALI SCPA- ITALIA AIRBUS OPERATIONS GMBH- DEUTSCHLAND SA KHRISTIANOVICH INSTITUTE OF THEORETICAL AND APPLIED MECHANICS OF SIBERIAN BRANCH OF RUSSIAN ACADEMY OF SCIENCE*ITAM OF SB RAS - Russian Federation TOTALFORSVARETS FORSKNINGSSINSTITUT -SVERIGE				The need to improve the environmental impact of aircraft with regards to emissions.
UNIVERSITA' DEGLI STUDI DI GENOVA	SAM RATULANGI UNIVERSITY (INDONESIA)	Bioerosive processes of the coral reef in the North Sulawesi	48 MONTHS	Ministero degli Affari Esteri Prot. Bilaterale Italia-Indonesia 2004-2007	Scientific Respons.: Prof. CARLO CERRANO
UNIVERSITA' DEGLI STUDI DI GENOVA	DIPONEGORO UNIVERSITY (INDONESIA)	Coral-associated micro-organisms as a source of new bioactive compounds	43 MONTHS	Ministero degli Affari Esteri Prot. Bilaterale Italia-Indonesia 2004-2007	Scientific Respons.: Prof.ssa ELENA ZOCCHI
UNIVERSITA' DEGLI STUDI DI GENOVA	INSTITUTE FOR MARINE AQUACULTURE, COLLEGE OF AGRICULTURE, CAN THO UNIVERSITY, VIETNAM (VIETNAM)	Implementation of a e-Knowledge portal on the hazard analysis of antimicrobial resistance associated with asian aquacultural environments	12 MONTHS	Ministero degli Affari Esteri Prot. Bilaterale Italia-Vietnam 2006-2008	Scientific Respons.: Prof. MAURO GIACOMINI

### ***Polytechnic of Milan***

In the academic year 2011/2012 Politecnico di Milano admitted 12 candidates coming from Asea-Uninet members to its Master of Science Program.

5 students coming from the following Asea-Uninet members are currently attending lectures and are regularly matriculated: 2 from Thailand (Chulalongkorn University), 3 from Vietnam (Hanoi University of Science and Technology), 1 from Russia (St. Petersburg State Polytechnical University), 2 from the Philippines (University of the Philippines).

In the Academic year 2012/2013 Politecnico di Milano admitted 26 candidates coming from Asea-Uninet members to its Master of Science programs.

The following 10 students have positively accepted the admission offer:

8 from Indonesia (5 from Institute of Technology Bandung and 3 from Universitas Indonesia); 2 from Thailand ( 1 from Chulalongkorn University, and 1 from King Mongkut's Institute of Technology, Ladkrabang).

The collaboration of Politecnico Milano and Universitas Indonesia is still under development: after the signature of the Framework Agreement, a student exchange agreement and a double degree agreements in the fields of Architecture, Urban Planning and Policy Design, and Architectural Engineering are under discussion.

Beside these agreement, this bilateral co-operation was also reinforced by the organization of a joint Design Studio Workshop in 2011, involving professors, researchers and students of the two institutions in both locations. This activity was financed by Politecnico di Milano, Universitas Indonesia and the Italian Ministry of Education through the Cooperlink project. In 2012, the Italian Ministry of Education reconfirmed the financing of the project, so a similar activity is being organized during the academic year 2012/2013 with the support of Politecnico di Milano and Universitas Indonesia.

A student exchange agreement in Design was signed with Chulalongkorn University and both institutions are now ready to start the student mobility flows.

The first step of collaboration with Universiti Putra Malaysia was the signature of a framework agreement. A student exchange agreement, particularly but not limited to the field of ICT engineering, is now under negotiation.

Thanks to the Italian Diplomatic Representative, Politecnico di Milano has now approached the University of Malaya, with which the goal of initiating academic cooperation at the level of student mobility.

Politecnico di Milano also signed a framework agreement with Hanoi University of Science and Technology as a first step towards a wider collaboration.

Academic year 2012/2013 is very significant for Politecnico di Milano, since it is its 150<sup>th</sup> academic year.

## **Future Plans**

1. We plan to increase the number of mobilities with partner universities members of the Asea-Uninet. In particular:
  - a. We are negotiating a student exchange mobility with the University of Indonesia in the fields of Architecture and Engineering
  - b. We are negotiating a student exchange mobility with Universiti Putra Malaysia in the field of Engineering
  - c. We have started exploring the possibility of a student exchange agreement with the University of Malaya
  - d. We have recently signed a student exchange agreement with Chulalongkorn University in the field of Design and the student mobility is now being implemented.

**DEGREE-SEEKING STUDENTS 2011/2012**

<b>UNIVERSITY of ORIGIN</b>	<b>HOST UNIVERSITY</b>	<b>PROJECT TITTLE / AREA</b>	<b>NUMBER of STUDENTS / LEVEL OF STUDY</b>	<b>DURATION</b>	<b>SOURCE of FINANCIAL SUPPORT &amp; APPROXIMATE AMMOUNT</b>
Indus Valley School of Art and Architecture - Pakistan	Politecnico di Milano	Architecture	1, MSc	2 years	
Institute of Space Technology, Islamabad, Pakistan	Politecnico di Milano	Space Engineering	2, MSc	2 years	3 scholarship sponsored by Politecnico di Milano ( 2 scholarships of € 5.000 per year and one of € 3.300 per year)
RIPHAPAH INTERNATIONAL UNIVERSITY, Islamabad, Pakistan	Politecnico di Milano	Telecommunication Engineering	2, MSc	2 years	
University of Engineering and Technology, Lahore, Pakistan	Politecnico di Milano	Building Engineering	3, MSc	2 years	3 scholarships sponsored by Politecnico di Milano (2 of € 5.000 per year and 1 of € 3.300 per year)
		Management Engineering	2, MSc	2 years	

Hanoi Architectural University, Hanoi, Vietnam	Politecnico di Milano	Architecture	1, MSc	2 years	1 scholarship sponsored by Politecnico di Milano (€ 5.000 per year)
Hanoi University of Technology, Hanoi, Vietnam	Politecnico di Milano	Automation Engineering	1, MSc	2 years	1 scholarship sponsored by Politecnico di Milano (€ 5.000 per year)
		Engineering of Computing Systems	1, MSc	2 years	
		Mechanical Engineering	1, MSc	2 years	
Ho Chi Minh City University of Technology, Ho Chi Minh City, Vietnam	Politecnico di Milano	Engineering of Computing Systems	1, MSc	2 years	1 scholarship sponsored by Politecnico di Milano (€ 5.000 per year)
		Management Engineering	1, MSc	2 years	
University of Civil Engineering	Politecnico di Milano	Architecture	1, MSc	2 years	
Far Eastern University, Manila, Philippines	Politecnico di Milano	Urban Planning and Policy Design	1, MSc	2 years	
University of Santo Tomas, Manila,	Politecnico di Milano	Architecture	1, MSc	2 years	

Philippines					
University of the Philippines Diliman, Quezon City, Philippines	Politecnico di Milano	Urban Planning and Policy Design Architecture	1, MSc 1, MSc	2 years	
K.E.TSIOLKOVSKY Russian State Technical University MATI, Russia	Politecnico di Milano	Aeronautical Engineering	1, MSc	2 years	1 scholarship sponsored by Politecnico di Milano (€ 3.300 per year)
Bauman Moscow State Technical University, Moscow, Russia	Politecnico di Milano	Aeronautical Engineering	1, MSc	2 years	
Institute of Architecture of Moscow State Academy, Moscow, Russia	Politecnico di Milano	Architecture	7, MSc	2 years	3 scholarship sponsored by Politecnico di Milano (1 of € 5.000 per year and 2 of € 3.300 per year)
		Interior Design	1, MSc	2 years	
Kazan State University of Architecture and Engineering, Kazan, Russia	Politecnico di Milano	Urban Planning and Policy Design	2, MSc	2 years	1 scholarship sponsored by Politecnico di Milano (€ 3.300 per year)
		Architecture	1, MSc	2 years	1 scholarship sponsored by Politecnico di Milano (€ 3.300 per year)
Moscow State University of Civil Engineering (MSUCE)	Politecnico di Milano	Building Engineering	1, MSc	2 years	1 scholarship sponsored by Politecnico di Milano (€ 5.000 per year)
Moscow State University of	Politecnico di Milano	Management Engineering	1, MSc	2 years	

Technology STANKIN, Moscow, Russia					
National Research University Higher School of Economics, Moscow, Russia	Politecnico di Milano	Management Engineering	1, MSc	2 years	
Nizhny Novgorod State Architectural and Building University, Nizhny Novgorod, Russia	Politecnico di Milano	Building Engineering	1, MSc	2 years	
North Caucasian Institute of Mining and Metallurgy (State Technological University), Vladikavkaz, Russia	Politecnico di Milano	Management Engineering	1, MSc	2 years	
Omsk State Technical University, Omsk, Russia	Politecnico di Milano	Interior Design	1, MSc	2 years	
Sibirskaya State Road and Vehicular Academy, Omsk, Russia	Politecnico di Milano	Building Engineering	1, MSc	2 years	1 scholarship sponsored by Politecnico di Milano (€ 5.000 per year)
State University Of Land Use Planning, Moscow, Russia	Politecnico di Milano	Architecture	1, MSc	2 years	
State University of Management, Moscow, Russia	Politecnico di Milano	Interior Design	1, MSc	2 years	1 scholarship sponsored by Politecnico di Milano (€ 3.300 per year)
St. Petersburg State University of Architecture and Civil Engineering, St. Petersburg, Russia	Politecnico di Milano	Urban Planning and Policy Design	1, MSc	2 years	

St. Petersburg State Polytechnical University	Politecnico di Milano	Materials Engineering and Nanotechnology	1, MSc	2 years	
Murmansk State Technical University, Murmansk, Russia	Politecnico di Milano	Management Engineering	1, MSc	2 years	1 scholarship sponsored by Politecnico di Milano (€ 5.000 per year)
Volgograd State Technical University, Volgograd, Russia	Politecnico di Milano	Management Engineering	1, MSc	2 years	1 scholarship sponsored by Politecnico di Milano (€ 5.000 per year)
Ural State Academy of Architecture and Art, Ekaterinburg, Russia	Politecnico di Milano	Architecture Urban Planning and Policy Design	1, MSc 1, MSc	2 years 2 years	
Voronezh State University of Architecture and Civil Engineering, Voronezh, Russia	Politecnico di Milano	Architecture	1, MSc	2 years	

**DEGREE-SEEKING STUDENTS 2012/2013**

**Please, note that conclusive data for the academic year 2012/2013 will be available only in Spring at the end of the official enrolment process for the second semester.**

<b>UNIVERSITY of ORIGIN</b>	<b>HOST UNIVERSITY</b>	<b>PROJECT TITTLE / AREA</b>	<b>NUMBER of STUDENTS / LEVEL OF STUDY</b>	<b>DURATION</b>	<b>SOURCE of FINANCIAL SUPPORT &amp; APPROXIMATE AMMOUNT</b>
Institute of Technology Bandung, Bandung, Indonesia	Politecnico di Milano	Management Engineering	2, MSc	2 years	1 scholarship sponsored by Politecnico di Milano (€ 5.000 per year)
		Electrical Engineering	1, Msc	2 years	
		Materials Engineering and Nanotechnology	1, Msc	2 years	
		Product Service System Design	1, Msc	2 years	
Universitas Indonesia, Jakarta, Indonesia	Politecnico di Milano	Architecture	1, Msc	2 years	1 scholarship sponsored by
		Urban Planning and Policy Design	1, Msc	2 years	

		Product Service System Design	1, Msc	2 years	Politecnico di Milano (€ 5.000 per year)  1 scholarship sponsored by Politecnico di Milano (€ 5.000 per year)
University of Brawijaya, Malang, Indonesia	Politecnico di Milano	Architecture	1, Msc	2 years	1 scholarship sponsored by Politecnico di Milano (€ 5.000 per year)
Air University, Islamabad, Pakistan	Politecnico di Milano	Automation Engineering	1, Msc	2 years	
Bahauddin Zakariya University, Multan, Pakistan	Politecnico di Milano	Management Engineering	2, Msc	2 years	
Board of intermediate and secondary education Lahore, Lahore, Pakistan	Politecnico di Milano	Mechanical Engineering	1, Msc	2 years	
Comsats Institute of Information Technology, Abbottabad, Pakistan	Politecnico di Milano	Electrical Engineering	1, Msc	2 years	
		Telecommunications Engineering	1, Msc	2 years	
DCET. Karachi, Pakistan	Politecnico di Milano	Electronic Systems Engineering	1, Msc	2 years	
Faran Model College Jhang, Jhang, Pakistan	Politecnico di Milano	Electronic Systems Engineering	1, Msc	2 years	
Federal Urdu University of Arts Science And Technology, Islamabad, Pakistan	Politecnico di Milano	Telecommunications Engineering	1, Msc	2 years	
Federal Urdu University of Arts	Politecnico di Milano	Electrical Engineering	1, Msc	2 years	

Science And Technology, Topi, Pakistan					
HITEC University, Taxila, Pakistan	Politecnico di Milano	Electrical Engineering	3, Msc (2 2ç seme)	2 years	1 scholarship sponsored by Politecnico di Milano (€ 5.000 per year)
		Engineering of Computing Systems	1, Msc	2 years	
		Automation Engineering	1, Msc	2 years	
		Civil Engineering	1, Msc	2 years	
Islamic University of Technology, Dacca, Pakistan	Politecnico di Milano	Mechanical Engineering	1, Msc	2 years	
Mehran University of Engineering and Technology, Jamshoro, Pakistan	Politecnico di Milano	Telecommunications Engineering	1, Msc	2 years	
National College of Arts, Lahore, Pakistan	Politecnico di Milano	Architecture	1, Msc	2 years	
		Urban Planning and Policy Design	1, Msc	2 years	
National University Of Computer And Emerging Sciences, Peshawar, Pakistan	Politecnico di Milano	Telecommunications Engineering	2, Msc	2 years	
National University of Sciences & Technology, Karachi, Pakistan	Politecnico di Milano	Mechanical Engineering	1, Msc	2 years	Erasmus Mundus (1.500 € per month)
		Computer Engineering	1, PhD	30 months	
		Electronic and Telecommunications Engineering	1, PhD	30 months	
NWPF University Of Engineering &	Politecnico di Milano	Civil Engineering	1, Msc	2 years	

Technology, Peshawar, Pakistan		Electrical Engineering	2, Msc	2 years	
		Architecture	1, Msc	2 years	
Pakistan Navy Engineering College NUST, Karachi, Pakistan	Politecnico di Milano	Mechanical Engineering	1, Msc	2 years	1 scholarship sponsored by Politecnico di Milano (€ 5.000 per year)
University Of Agriculture Faisalabad, Faisalabad, Pakistan	Politecnico di Milano	Mechanical Engineering	1, Msc	2 years	
University of Engineering and Technology, Lahore, Pakistan	Politecnico di Milano	Management Engineering	2, Msc	2 years	1 scholarship sponsored by Politecnico di Milano (€ 5.000 per year)
		Space Engineering	1, Msc	2 years	
		Building Engineering	1, Msc	2 years	
		Environmental Engineering	1, Msc	2 years	1 scholarship sponsored by Politecnico di Milano (€ 5.000 per year)
		Civil Engineering	2, Msc	2 years	
		Mechanical Engineering	1, Msc	2 years	
University of Peshawar, Peshawar, Pakistan	Politecnico di Milano	Engineering of Computing Systems	1, Msc	2 years	
University of The	Politecnico di Milano	Materials Engineering	3, Msc (2 2° sem)	2 years	1 scholarship

Punjab, Lahore, Pakistan		and Nanotechnology  Urban Planning and Policy Design	2, Msc	2 years	sponsored by Politecnico di Milano (€ 5.000 per year)
Bauman Moscow State Technical University, Moscow, Russia	Politecnico di Milano	Engineering of Computing Systems  Management Engineering	1, Msc  1, Msc	2 years  2 years	1 scholarship sponsored by Politecnico di Milano (€ 5.000 per year)
Herzen University, St. Petersburg, Russia	Politecnico di Milano	Telecommunications Engineering	1, Msc	2 years	1 scholarship sponsored by Politecnico di Milano (€ 5.000 per year)
Mari State Technical University, Yoshkar-Ola, Russia	Politecnico di Milano	Building Engineering	1, Msc	2 years	1 scholarship sponsored by Politecnico di Milano (€ 5.000 per year)
Moscow Institute of Electronic technology, Moscow, Russia	Politecnico di Milano	Product Service System Design	2, Msc	2 years	1 scholarship sponsored by Politecnico di Milano (€ 3.300 per year)
Moscow Institute of Architecture, Moscow, Russia	Politecnico di Milano	Architecture	7, Msc	2 years	2 scholarships sponsored by Politecnico di Milano (€ 5.000 per year)

		Urban Planning and Policy Design	1, Msc	2 years	1 scholarship sponsored by Politecnico di Milano (€ 3.300 per year)
Moscow State Industrial University, Moscow, Russia	Politecnico di Milano	Engineering of Computer Systems	1, Msc	2 years	
Moscow State University of Civil Engineering (MGSU), Moscow, Russia	Politecnico di Milano	Building Engineering Civil Engineering	1, Msc 1, Msc	2 years 2 years	
Moscow State University of Geodesy and Cartography	Politecnico di Milano	Architecture	1, Msc	2 years	
Pacific National University, Khabarovsk, Russia	Politecnico di Milano	Architecture	1, Msc	2 years	
Petersburg State University of Means of Communication, St. Petersburg, Russia	Politecnico di Milano	Civil Engineering	1, Msc	2 years	
Peoples' Friendship University of Russia, Moscow, Russia	Politecnico di Milano	Architecture	1, Msc	2 years	1 scholarship sponsored by Politecnico di Milano (€ 3.300 per year)
St. Petersburg State University of Architecture and Civil Engineering, St. Petersburg, Russia	Politecnico di Milano	Architecture	1, Msc	2 years	1 scholarship sponsored by Politecnico di Milano (€ 5.000 per year)
Ural State Academy of Architecture and Arts, Ekaterinburg, Russia	Politecnico di Milano	Architecture	3, Msc	2 years	
Chulalongkorn University, Bangkok, Thailand	Politecnico di Milano	Architecture	1, Msc	2 years	

King Mongkut's University of Technology, Ladkrabang, Thailand	Politecnico di Milano	Product Service System Design	1, Msc	2 years	1 scholarship sponsored by Politecnico di Milano (€ 5.000 per year)
College of Sciences	Politecnico di Milano	Architecture	1, Msc	2 years	
Hanoi University of Technology, Hanoi, Vietnam	Politecnico di Milano	Engineering of Computing Systems	1, Msc	2 years	1 scholarship sponsored by Politecnico di Milano (€ 5.000 per year)
		Automation Engineering	1, Msc	2 years	
Hanoi Architectural University, Hanoi, Vietnam	Politecnico di Milano	Architecture	1, Msc	2 years	
University of Civil Engineering, Hanoi, Vietnam	Politecnico di Milano	Architecture	1, Msc	2 years	1 scholarship sponsored by Politecnico di Milano (€ 5.000 per year)
		Environmental Engineering	1, Msc	2 years	1 scholarship sponsored by Politecnico di Milano (€ 5.000 per year)
University of Engineering and Technology, Hanoi, Vietnam	Politecnico di Milano	Engineering of Computing Systems	1, Msc	2 years	1 scholarship sponsored by Politecnico di Milano (€ 5.000 per year)
		Telecommunications Engineering	1, Msc	2 years	

**STAFF EXCHANGE PROGRAM 2012**

<b>UNIVERSITY of ORIGIN</b>	<b>HOST UNIVERSITY</b>	<b>PROJECT TITTLE</b>	<b>NUMBER of STAFF</b> Professor, Assoc Professor, Lecturer, Post – Doc, Reaseracher (Junior o senior), Administrative Clerk	<b>DURATION (WEEKS )</b>	<b>SOURCE of FINANCIAL SUPPORT &amp; APPROXIMATE AMMOUNT</b>
National University of Science and Technology, Karachi, Pakistan	Politecnico di Mllano	Research activity in telecommunications engineering	Assistant Professor	4 weeks	Erasmus Mundus (2.500 € per month)
Mehran University of Engineering & Technology, Jamshoro, Pakistan	Politecnico di Mllano	Research activity in telecommunications engineering	Professor	4 weeks	Erasmus Mundus (2.500 € per month)

### ***University of Trento***

The rich exchanges with the following Universities are stable and solidly conceived as sustainable partnerships. They involve student mobility and joint research.

Bilateral Agreement UNITN - Chulalongkorn University The Agreement undersigned in the year 2008 concerns the School of Cognitive Science. Joint research is carried out in this area, as well as in Materials Engineering.

Bilateral Agreement UNITN - Burapha University

The Agreement undersigned in the year 2009 concerns the School of Cognitive Science Burapha University and the University of Trento are cooperating in a European project in the field of biomass, thermo-chemical conversion processes such as combustion, pyrolysis and gasification.

Bilateral Agreement UniTN-University of Philippines for Cognitive Sciences, Sociology, and International Studies.

Research cooperation is ongoing in bio-molecular research and humanities (Literature).

Bilateral Agreement with Hanoi University of Science and Technology

The Memorandum of Understanding undersigned in the year 2001 concerns the School of Engineering. It is in the process of renewal.



**STUDENT EXCHANGE PROGRAM 2012**

<b>UNIVERSITY of ORIGIN</b>	<b>HOST UNIVERSITY</b>	<b>PROJECT TITTLE / AREA</b>	<b>NUMBER of STUDENTS / LEVEL OF STUDY</b>	<b>DURATION (WEEKS )</b>	<b>SOURCE of FINANCIAL SUPPORT</b>
Hanoi University of Technology, Vietnam	University of Trento	Telecommunication Engineering	1 Master	2 years	Erasmus Mundus External Cooperation Window
Hanoi University of Technology, Vietnam	University of Trento	Computer Science	1 Master	2 years	Erasmus Mundus External Cooperation Window
National University of Computer and Emerging Sciences, Pakistan	University of Trento	Telecommunication Engineering	1 Master	42 weeks	Erasmus Mundus action 2
Lahore University of Management Sciences	University of Trento	Computer Science	1 Master	1 year	Erasmus Mundus action 2
Lahore University of Management Sciences	University of Trento	Computer Science	1 Master	2 years	Erasmus Mundus action 2
Ateneo de Manila University	University of Trento	Cognitive Science	1 Master	2 years	Erasmus Mundus action 2
Ateneo de Manila University,	University of Trento	Physics	1 Master	2 years	Erasmus Mundus action 2

Philippines					
University of Malakand, Pakistan	University of Trento	Computer Science	1 Master	2 years	Erasmus Mundus action 2
University Kebangsaan Malaysia	University of Trento	Materials Science and Engineering	1 PhD	1 year	Erasmus Mundus action 2
Burapha University	University of Trento	Cognitive Science	1 Master	18 weeks	Asem Duo
University of Trento	Burapha University	Cognitive Science	1 Master	18 weeks	Asem Duo
Pakistan	University of Trento	Computer Science/ Mechatronics Engineering/ Telecommunication engineering/ Mathematics/ Cognitive Science/ E-Government	10 Master	2 years	Self financing / and Local funding
Pakistan	University of Trento	Information and Communication Technology	2 Master	1 year	Erasmus Mundus action 1
Vietnam	University of Trento	Computer Science/ Economics and management/ Telecommunication engineering	7 Master	2 years	Self financing /and Local funding
Vietnam	University of Trento	Local development	1 Master	1 year	Erasmus Mundus action 1
Vietnam	University of Trento	Information and Communication	1 Master	1 year	Erasmus Mundus action 1

		Technology			
Phillippines	University of Trento	Cognitive Science / Physics / Business Studies	2 Master 3 Master	2 years 5 months	Self financing / and Local funding
Tomsk Polytechnic University, Russian Federation	University of Trento	Humanities / Design	1 PhD	16 weeks	Erasmus Mundus action 2
Ural State University of Economics, Russian Federation	University of Trento	Economics and Management	1 Master	26 weeks	Erasmus Mundus action 2
Tomsk State Pedagogical University, Russian Federation	University of Trento	Humanities	1 Master	26 weeks	Erasmus Mundus action 2
Tomsk Polytechnic University, Russian Federation	University of Trento	Social Sciences	1 PhD	26 weeks	Erasmus Mundus action 2
Ufa State Aviation Technical University, Russian Federation	University of Trento	Information and Communication Technology	1 PhD	52 weeks	Erasmus Mundus action 2
University of Trento	Ural State University of Economics, Russian Federation	International Studies	1 Master	22 weeks	Erasmus Mundus action 2
Russian Federation	University of Trento	Law / Humanities / Mathematics / Economics / International Studies	6 Undergraduate	3 years	Self financing /and Local funding

Russian Federation	University of Trento	European and International Studies / Physics / Innovation Management / Cognitive Science	7 Master	2 years	Self financing / and Local funding

<b>STAFF EXCHANGE PROGRAM 2012</b>					
<b>UNIVERSITY of ORIGIN</b>	<b>HOST UNIVERSITY</b>	<b>PROJECT TITTLE</b>	<b>NUMBER of STAFF</b> Professor, Assoc Professor, Lecturer, Post – Doc, Reaseracher (Junior o senior), Administrative Clerk	<b>DURATION (WEEKS )</b>	<b>SOURCE of FINANCIAL SUPPORT &amp; APPROXIMATE AMMOUNT</b>
University Kebangsaan Malaysia	University of Trento	Engineering	1 Professor	6 weeks	Erasmus Mundus (€ 2.500)
University of Trento	Ural State University of Economics, Russian Federation	Economics and Management	1 Professor	15 days	Erasmus Mundus (€ 2.500)
Irkutsk State Technical	University of Trento	Economics and Management	1 Professor	12 weeks	Erasmus Mundus (€ 7.500)

University, Russian Federation					
Ufa State Aviation Technical University, Russian Federation	University of Trento	International relations / Finance / Information and Communication Technology	3 Professors	5 days	Ufa State Aviation Technical University, Russian Federation
Ural State University of Economics, Russian Federation	University of Trento	Economics and Management	1 Lecturer	2 weeks	Ural State University of Economics, Russian Federation
Russian Federation	University of Trento	Information engineering and computer science	1 Postdoc		University of Trento

JOINT ACTIVITY		PROJECT TITTLE	DURATION	SOURCE of FINANCIAL SUPPORT	SPECIAL NOTE
UNIVERSITY of ....	UNIVERSITY OF .....				
SPACE RESEARCH INSTITUTE OF RUSSIAN ACADEMY OF SCIENCES	University of Trento – Department of Information engineering and computer science – prof. Bouquet	Aparsen - Alliance Permanent Access to the Records of Science in Europe Network	Duration of the project: 01/01/2011-31/12/2014	European Commission – Seventh Framework Programme / Cooperation P.3 ICT	Partners of the same Collaborative project.
Hanoi University of Technology - Department of	University of Trento – Department of Information	Mechanism for Quality and Differentiation of Services on Emerging Family Wireless	CLOSED	Italian Ministry of Foreign	Problems with allocation of funds from both Governments.

Communications Engineering Faculty of Electronics and Telecommunications,	engineering and computer science – prof. LoCigno	Networks		Affairs and Ministry of Science and Technology of Vietnam	
Sobolev Institute of Mathematics	University of Trento – Department of Mathematics	GALA Geometrical Analysis in Lie groups and Applications	CLOSED (duration: 14/09/2006-13/09/2009)	European Commission – SIXTH Framework Programme – NEST (New and emerging science and technology)	Partners of the same Research Project
St.Petersburg Institute for Informatics and Automation of the Russian Academy of Sciences Russia	University of Trento – Department of Information engineering and computer science – prof. Ofek	RE-TRUST Remote EnTrusting by RUn-time Software auThentication	CLOSED (duration 1/09/2006-31/10/2009)	European Commission – SIXTH Framework Programme – P.2 IST	Partners of the same Research Project

### **ASEM DUO**

In 2012, in the framework of the Asem Duo (financed by Thailand) there were 2 mobilities (1 incoming + 1 outgoing between Burapha and UNITN)

### **Erasmus Mundus 2** (former- External Cooperation Windows)

The project ***Bridging the gap*** (Lot 12) coordinated by the University of Trento (academic coordinator: Prof. Migliaresi) was approved in 2009 and involves partners of the network ASEANUNET (University of Innsbruck, University of Murcia, Hanoi University of Science and Technology, and University of Burapha).

As far as the mobility is concerned, from Asia to Europe, there were 11 students to Trento from Hanoi University of Science, and 1 to Innsbruck. There were in Trento 10 students from Burapha, 2 went to Innsbruck and 1 to Murcia (total mobility  $2+1+10=13$ ).

The mobility from Europe to Asia was: 2 students from Trento and 2 students from Innsbruck went to Hanoi University of Science and Technology; and 4 students from Trento, 1 from Innsbruck and 6 from Murcia went to Burapha University (total mobility  $4+1+11=15$ ).

ASEA-uninet is itself "associate partner" in the project

The University of Trento is coordinating **another Erasmus Mundus Action 2 project (One more step)** in lot 13, which was approved in 2011. ASEANUNET Partner Universities in the project are: Burapha University; University of Chulalongkorn; Hanoi University of Science and Technology; University of Innsbruck; University of Murcia; University of Oviedo. Aseaninet is again "associate partner" in the project

**Asia Regional Project** (Erasmus Mundus Action 2), coordinated by the University of Deusto involves 18 partner Universities: Humboldt Universität zu Berlin, Germany; Oxford Brookes University, UK; Tilburg University, The Netherlands; University of Twente, The Netherlands; Ateneo de Manila University, Philippines; Chulalongkorn University, Thailand; International Islamic University Islamabad, Pakistan; Kabul University, Afghanistan; Lahore University of Management Sciences, Pakistan; Maldives College of Higher Education, Maldives; Peking University, China; Pyongyang University of Science & Technology, North Korea; Royal University of Bhutan, Sherubtse College, Bhutan; Sanata Dharma University, Indonesia; Tribhuvan University, Nepal; Universiti Kebangsaan Malaysia, University of Colombo, Sri Lanka, University of Pune, India.

**AREAS project** (Erasmus Mundus action 2) – UNITN is a partner in the project *Areas* (Lot 13) coordinated by the Politecnico of Turin; it was approved in 2011. ASEANUNET partner Universities in the project are: Gadjah Mada University; Ho Chi Minh City University of Technology; Hanoi University of Science and Technology; Thammasat University.

The mobilities of the selected candidates (undergraduate, master, PhD, postdoc, staff) started in the academic year 2012/2013.

## **Report from Regional Coordinator - Malaysia**

*Prof Dr Abdul Jalil Nordin*

Since 2012, there are 4 universities from Malaysia including University Putra Malaysia (UPM) , UKM , UM and UTEM . UPM's admission was in 2006 , UKM (2011) , UM and UTEM (2012)

### ***Universiti Putra Malaysia (UPM)***

I. UPM was identified and invited to be involved in Erasmus mundus projects by member universities from Spain and Austria . In summary , there were 25 mobilities involving MOVER and MAHEVA projects . UPM will also involved in GATE project .

II. The Malaysian Ministry of Higher Education initiated several academic journal publications to enhance the academic excellence and encouraging scientific writing.

Among the first journal issued is the The MOVement Health & Exercise (MOVE) . The main purpose of this journal is to provide a publication avenue for sport and exercise-themed research conducted by local and international sport scientists. The potential interdisciplinary approach encompasses a broad knowledge spectrum that will include sport, fitness, management and all other kinesiology-related disciplines.

Through ASEA-UNINET, we managed to be in contact with the experts in the field especially from Thailand and Innsbruck .

We hope to be getting more reviewers and authors contributing to the journal among the members of ASEa UNINET universities

III. One of UPM's focus area for collaboration is under the focus group of Medicine. UPM will be signing an MOU with Medical University of Innsbruck to collaborate in expert training program for Molecular Imaging PET-CT. The program will start this year (2013) . A meeting will be initiated in Singapore on 6<sup>th</sup> of March 2013 between Prof Dr Abdul Jalil Nordin and Prof Dr Irene Virgolini .

IV. The draft of "PET-CT Imaging – A practical approach" has been sent to Prof Dr Irene Virgolini . In principle agreed to contribute in writing the book .

V. UPM initiate the contact with University of Groningen in the area of Neuro PET imaging . Scientific visit by Prof Dr Abdul jalil Nordin for 1 week with intention to develop the first ASIAN model of PET brain for database development in the assessment of Alzheimer's disease was initiated during this visit in November 2012 .

VI . A PHD candidate has been identified for a sandwich program in this focus subject. The topic is under discussion between scientist in Groningen and UPM.

VII . UPM will invite medical scientists from Groningen and Innsbruck through research and academic fellow schemes available from UPM as visiting professors.

VIII. Scientific visit of UPM to University of Brescia and Brescia University Hospital to initiate MR Spectroscopy and Tactography project

***Universiti Kebangsaan Malaysia (UKM)***

Universiti Kebangsaan Malaysia (UKM) joined ASEA-UNINET in 2011. To date, UKM has several collaborations with 16 member universities in terms of Memorandum of Association (MOU), Memorandum of Agreement (MOA) and Letter of Intent (LOI) in the fields of Science and Technology, Information Technology, Engineering and Built Environment, Civilization, Biochemistry, Biodiversity Conservation, Bioinformatics, Biotechnology, Cell and Development Biology, Conservation Biology, Ecology, Food Chemistry, Genetics, Aquaculture, Aquatic and Marine Resources Conservation and Management, Pharmacy etc.

The activities that were carried out under the agreement are Exchange Students Program, Staff Exchange, Training and Research Attachment Program, Joint Conference and Seminar, Double Degree Undergraduate and Master Programme, Research and Teaching Collaboration, Working Visit, Joint Research Activities and Publication and Seminar.

2 of UKM staffs are currently pursuing their Doctor of Philosophy (PhD) at University of Natural Resources and Applied Life Sciences (Austria) and Utrecht University (Netherlands). In 2012, UKM has received 32 visits from ASEA-UNINET member countries.

UKM looks forward to closer collaborations with ASEA-UNINET partners in the niche areas of the university; Challenges to Nation Building, Sustainable Territorial Development, Renewable Energy, Health and Medical Technology, Climate Change, Nanotechnology and Advanced Materials, Biological Diversity in Biotechnology Development and ICT: Content Informatics.

***Universiti Teknikal Malaysia (UTeM)***

**General Strategic Initiative Policy**

In compliance with Universiti Teknikal Malaysia Melaka (UTeM) strategic direction 2020 as well as with UTeM Transformational Strategic Themes ( Premier Technical Education with Global Presence, Strategic Knowledge and Innovation for the Future, Professional and Ethical Technopreneurial Graduates, Centre of Reference for Community Well-being), Internationalization policy therefore is one of the most important agenda to ensure the university can be globally recognized and well known. In this context, UTeM had been implementing impactful strategies including international collaboration with strategic partners, professional and government international recognition of academic programs, international student enrollment, international student and staff exchange, participation in International innovation and exhibition, staff industrial attachment and also visiting or receiving delegates from other prominent and world wide international universities.

As at January 2013, the student body of UTeM has exceeded 10, 000 students. In this connection, UTeM has 369 international students coming from 22 different nationalities. The current number of international postgraduate students is 205 and the undergraduate students are 164. Most of the student comes from Indonesia,

Yemen, Iraq, Libya, Sudan, Somalia, Jordan, Syria, and others. The significant increase in UTeM postgraduate students indicates UTeM's active research activities including research and publication in green technology, system engineering, emerging technology and human and technology interaction. Besides regular student, UTeM also implemented inbound and outbound international staff and student mobility programs with Korea, Japan, the Netherlands, France, Indonesia and Germany which benefited students to learn and experience the Malaysian culture in general and in UTeM Innovative and personalized learning eco system in particular. Since 2008, UTeM has established collaboration with 25 international universities and institutions under active Memorandum of Understanding (MoU) and 5 Memorandum of Agreement (MoA).

#### UTeM International Collaboration within ASEA UNINET

By May 2012 UTeM, with full of commitment and self determination, UTeM has become an official full member of ASEA UNINET.

Collaboration among those UTeM strategic partners as mentioned earlier are also ASEA UNINET members university. Through on going and future cooperation with this ASEA UNINET members university shall boost the benefit in terms of academic and research excellence. In addition to this, strategic initiatives have also been started with University of Salzburg, University Prince of Songkla University (PSU) in organizing and participating in Interdisciplinary Faculty Development Workshop: Geographically Integrated Natural Disaster Management (GeONDM) that was conducted in 27 – 31 August 2012 in PSU Phuket Campus. It is under discussion to propose such workshop to be conducted in Malaysia.

On project based collaboration, UTeM has strengthened collaboration with the Netherlands university such as University of Groningen, University of Twente and Technical University of Delft. These collaboration has been emphasized on joint research, staff mobility, visiting Professor and joint publication.

With Technical University of Vienna (TUV) strategic initiative has also been started by official working visit, electronic communication, and implementing staff mobility. Taking Dust Particle Separation Technology as a green technology topic, in July 2012, UTeM and TUV has an organized an international seminar delivered by one of TUV prominent professor.

With ASEA UNINET member from Indonesia especially with ITB and ITS, a student exchange program called "reciprocal based inbound and outbound student mobility program" has been carried out successfully through out of the year 2011 and 2012. Within incoming years, this activity will include and expand to other Indonesia strategy partners involving UGM and UI. For this next stage, the strategic initiative will include inbound and outbound non credit transfer student mobility program, staff exchange, joint research and joint supervision. A preliminary discussion has been launched to develop jointly a fast tract double degree program in which certificate will be issued by both parties. This will be beneficial for student to achieve reasonable global and regional market ability. At this regional levels besides with Indonesia and Thailand, an initiative has also been started to establish cooperation with National University of Ho Chi Minh City, Vietnam as well as with University of Philippines (UP).

## Report from Thailand

Assoc Prof Dr Pichan

The 2012 - 2013 Austrian-Thai Scholarship Scheme comprising of

1. Technology Grants
2. ASEA UNINET Scholarship
3. Workshop and Master class in classical Music

The following allocations awarded through the Technology Grant Scheme :

4 Ph.D Scholarships , 9 Post Doctoral Scholarships and 5 Sandwich Programme for Ph.D. Students

For the ASEA-UNINET Scholarships , the following allocations allocated : 11 Thai Staff Exchange (one month scholarship) , 1 Austrian Guest Professor, 7 On-Place Scholarship for Cambodia and Laos , 4 Classical Music Scholarships and a Workshop & Master Class in Classical Music and Voice & Piano Accompaniment

No.	Home University in Thailand	Field of Study	Host University in Austria
1	Mr. Lunjakorn Amornkitbamrung <i>Chulalongkorn University</i>	Physical Chemistry	Karl-Franzens University, Graz
2	Ms. Kesinee Netsomboon <i>General Public</i>	Pharmaceutical Technology	University of Innsbruck
3	Mr. Piyapong Janmaimool <i>General Public</i>	Economic and Social Science	University of Graz
4	Ms. Pratana Kukieattikool <i>General Public</i>	Electrical and Communication Engineering	Vienna University of Technology

Table showing candidates awarded with Technology Grant 2012 in PHD

<b>No.</b>	<b>Home University in Thailand</b>	<b>Field of Study</b>	<b>Host University in Austria</b>
1	<b>Ms. Kanokrat Limpisophon</b> <i>Kasetsart University</i>	<b>Food Processing</b>	<b>University of Natural Resources and Life Sciences</b>
2	<b>Mr. Suriyan Supapvanich</b> <i>Kasetsart University</i>	<b>Postharvest Technology</b>	<b>University of Natural Resources and Life Sciences</b>
3	<b>Mrs. Chularat (Krongtaew) Sakdaronnarong</b> <i>Mahidol University</i>	<b>Chemical Engineering</b>	<b>University of Natural Resources and Life Sciences</b>
4	<b>Ms. Narakorn Khunweeraphon</b> <i>Mahidol University</i>	<b>Medical Technology</b>	<b>Medical University of Vienna</b>
5	<b>Mr. Wasan Tangphokhanon</b> <i>Chiang Mai University</i>	<b>Natural Sciences</b>	<b>University of Salzburg</b>
6	<b>Ms. Chanida Suwanprasit</b> <i>Prince of Songkla University</i>	<b>Geoinformics</b>	<b>University of Salzburg</b>
7	<b>Ms. Awanwee Petchkongkaew</b> <i>Thammasat University</i>	<b>Mycotoxins</b>	<b>University of Natural Resources and Life Sciences</b>
8	<b>Ms. Onjira Sitthisak</b> <i>Thaksin University</i>	<b>Computer Sciences</b>	<b>Graz University of Technology</b>
9	<b>Mrs. Wasan Tangphokhanon</b> <i>Pranakhon Rajabhat University</i>	<b>Plant Physiology</b>	<b>University of Graz</b>

Table showing candidates awarded with Technology Grant 2012 in Post Doctoral Research

No.	Home University in Thailand	Field of Study	Host University in Austria
1	Ms. Chattip Suphatpahirapol <i>Kasetsart University</i>	Genetic Engineering	University of National Resources and Applied Life Sciences
2	Ms. Maria Chatrasingh <i>Mahidol University</i>	Medical Science	Medical University of Vienna
3	Ms. Panwadee Wattanasin <i>Mahidol University</i>	Chemistry	University of Vienna
4	Ms. Kantaporn Janngeon <i>Chiang Mai University</i>	Pharmaceutical Technology	University of Vienna
5	Ms. Suttinee Jingjit <i>Prince of Songkla University</i>	Environmental Management	University of Graz

Table showing candidates awarded with Technology Grant 2012 in Sandwich PHD Program

Home University in Austria (Name-Surname)	Field of Study	Host University in Thailand
University of Graz <i>(Professor Heinz D. Kurz)</i>	Economics	Kasetsart University

Table showing Austrian Guest Professorship 2012

Home University in Austria (Name-Surname)	Field of Study	Host University in Thailand
University of Graz <i>(Univ. Prof. Dr. Ralf Aschemann)</i>	Environmental Sciences	Srinakharinwirot University

Table showing Junior-Senior Scientist 2012 program

No	Home University in Thailand	Field of Study	Host University in Austria
1	Asst.Prof. Wiroonsak Santipach <i>Kasetsart University</i>	Electrical Engineering	Vienna University of Technology
2	Mr. Natthasit Tansakul <i>Kasetsart University</i>	Veterinary Medicine	University of Veterinary Medicine, Vienna
3	Assoc.Prof. Kanokwan Jarukamjorn <i>Khon Kaen University</i>	Pharmaceutical Sciences	University of Vienna
4	Ms. Tassya Putho <i>Khon Kaen University</i>	Tourism Management	University of Innsbruck
5	Assoc.Prof. Tipaporn Wonghongkul <i>Chiang Mai University</i>	Medical Nursing	University of Vienna
6	Assoc.Prof. Amornrat Mukprasirt <i>King Mongkut's University of Technology North Bangkok</i>	Agro-Industry	University of Natural Resources and Life Sciences, Vienna
7	Mr. Preechar Karin <i>King Mongkut's University of Technology Ladkrabang</i>	Mechanical Engineering	Graz University of Technology
8	Ms. Teeranoot Chanthasopeephan <i>King Mongkut's University of Technology Thonburi</i>	Mechanical Engineering	University of Vienna
9	Prof. Leena Suntornsuk <i>Mahidol University</i>	Pharmaceutical Chemistry	University of Linz
10	Mr. Kuaanan Techato <i>Prince of Songkla University</i>	Environmental Management	University of Graz
11	Mr. Thanasan Khaosaad <i>Ramkhamhaeng University</i>	Biotechnology	University of Natural Resources and Life Sciences, Vienna

Table showing candidates involved in staff exchange program in 2012

<b>Nationality</b>	<b>Field of Study</b>	<b>Thai Host Universities</b>
<b>Laos</b>	<b>Environmental Technology</b>	<b>Thammasat University</b>
<b>Laos</b>	<b>Ecology</b>	<b>Prince of Songkla University</b>
<b>Cambodia</b>	<b>Environmental Engineering</b>	<b>Prince of Songkla University</b>
<b>Cambodia</b>	<b>Geoinformation</b>	<b>Suranaree University of Technology</b>
<b>Cambodia</b>	<b>Geographic Information System and Remote Sensing</b>	<b>Khon Kaen University</b>
<b>Cambodia</b>	<b>Natural Resource Management</b>	<b>King Mongkut's University of Technology Thonburi</b>
<b>Cambodia</b>	<b>Applied Mathematics</b>	<b>Suranaree University of Technology</b>

2 years Master Degree Program in ASEA-UNINET-Thailand 2012 on place scholarship for Cambodia and Laos

<b>Thai Institutes</b>	<b>Instruments</b>	<b>Type of Scholarships</b>
<b>Mahidol University</b>	<b>Voice</b>	<b>9 Months Scholarships at University of Music and Performing Arts, Vienna</b>
<b>Mahidol University</b>	<b>Trombone</b>	<b>9 Months Scholarships at University of Music and Performing Arts, Graz</b>
<b>Mahidol University</b>	<b>Voice</b>	<b>9 Months Scholarships at University Mozarteum, Salzburg</b>
<b>Chulalongkorn University</b>	<b>Voice</b>	<b>1 Month Scholarships "International Summer Academy Prague-Vienna-Budapest"</b>

List of awardees for the 2012 Classical Music Scholarship

<b>Master Class &amp; Workshop (Date)</b>	<b>Austrian Institutes</b>	<b>Venue (Thai Institutes)</b>
<b>Voice &amp; Piano Accompaniment Lecture &amp; Master Class</b> by Prof. Franz Lukasovsky and Mag. István Bonyhadi (November 12 – 16, 2012)	<b>University of Music and Performing Arts, Graz</b>	<b>Mahidol University</b>

Workshop and Masterclass in Classical Music 2012

For the year 2013 , Austrian Thai scholarship will continue to support internationalization activities through ASEA-UNINET. The following allocations are available :

1. Technology Grant (6 vacancy) consisting of 1 PHD , 4 post doctoral and 1 sandwich PHD program
2. The Thai government is in consideration to allocate special funding for 7 placement for candidates from Cambodia and Laos ; 4 classical music placement and 12 staff exchange placement for 1 month

## **Report From Vietnam**

*Assoc. Prof. Dr. Ngo Chi Trung*

### **I. Vietnamese university members:**

The admission of the Hanoi Agriculture University in the Plenary Meeting of Asea-Uninet in June 2011 increased the total number of Asea-Uninet university members of Vietnam to 9 members:

1. Hanoi University of Science and Technology (HUST)
2. National Economics University, Hanoi (NEU)
3. University of Transport and Communication (UCT)
4. Vietnam National Academy of Music (VNAM)
5. Hanoi Agriculture University (HAU)
6. University of Danang (UD)
7. HUE University (HueUni)
8. Vietnam National University, Ho Chi Minh (VNUhcm)
9. University of Medicine and Pharmacy, HCM City (Uphcm)

Hanoi University of Science and Technology is the National coordinating university for Vietnam.

### **II. Cooperation activities of university members**

Exchange activities and cooperative programs in research and training have continued to be maintained and promoted such as:

- + Exchange staffs and students between Hanoi Agriculture University and BOKU, Hue University with TUVienna  
Apart from utilizing the financial support from host and home universities, member universities are trying to take advantage of Erasmus Mundus Projects to promote student and staff exchange activities. Take HUST as an example: HUST has actively joined in projects: BTG, One More Step (coordinator: Trento University; member: UIBK), Eurasia 1 (coordinator: BOKU), Eurasia 2 (coordinator: BOKU, member: BOKU),
- + Cooperative research projects between HUST and University of Innsbruck; HUST and University of Trento; Upmhcm with Vienna University Veterinary Medicine; HAU - BOKU.
- + Joint training programs between HUE University and TUVien, IMC Krems continue to be strengthened:

- HUE Uni and IMC Krems held the Bachelor Degree Awarding Ceremony for the 1st intake students of the Joint Training Program and continue to the 3rd and 4th intake students;
- Postgraduate Twining Program between HUE Uni and TU Vienna funded by 322 Project of Vietnam continue to run smoothly;

Due to the economic crisis, some annual cooperation activities between Vietnamese universities and Austrian universities has been postponed in the academic year 2011-2012 such as: Asea-Uninet scholarship program 2012, International Summer University 2012, the third Cell Culture Workshop in collaboration between HCMC School of Pharmacy and Medicine and Vienna University Veterinary Medicine;

In replacement, a new scholarship program has been launched in replace for the Asea-Uninet Scholarship: Vietnam Austrian Cooperative Doctoral Scholarship based on the PhD scholarship of Vietnamese government in the framework of 911 Project and additional support by OEAD Scholarship. According to this new program, 10 PhD. students will come to Austria in September 2012.

### **III. Incoming activities**

Vietnamese Universities and Austria universities are doing the utmost to promote cooperative activities. The focus of attention now is put on the official visit paid by the Austrian President to Vietnam in late May 2012. A joint forum about cooperation in education and culture between Austria and Vietnam will be held during this visit with the participation of many Asea-Uninet members. Hopefully, this will be great opportunity for Asea-Uninet members to propose and get the support from the Government of the two countries for the future joint research and training activities.

### **IV. Proposal for future activities**

In next time, the following activities are planned:

- Cooperative training program:
  - ✓ Vietnam-Austria PhD. program
  - ✓ Joint program between: HUE uni and TU Vienna, HUST and BOKU,...
- Active participants to the Erasmus Mundus projects.

For the future plan of cooperation in the framework of Asea-Uninet, we would like to suggest:

- ✓ Develop collaborative activities
- ✓ Develop joint research activities

- ✓ Support the exchange program
- ✓ Expanse scholarship programs, especially scholarship for music field, exchange of staff and students
- ✓ Increase cooperative projects, such as Erasmus Mundus,...

## **Report from Indonesia**

*Prof Dr Harno*

### **I. Indonesian member university**

- 1.Universitas Gadjah Mada (Yogyakarta)
- 2.Universitas Diponegoro (Semarang)
- 3.Universitas Indonesia (Jakarta)
- 4.Universitas Udayana (Bali)
- 5.Institut Teknologi Surabaya (Surabaya)
- 6.Institut Teknologi Bandung (Bandung)

The following universities expressed interest to join the network :

- 1.Universitas Airlangga (Surabaya, Java Island)
- 2.Universitas Sumatera Utara (Medan, Nort Sumatera)
- 3.Universitas Hassanudin (Makasar, South Sulawesi, Celebes)

### **II. Students scholarships**

- 1.Asea-Uninet scholarship for PhD programs, research stay and sandwich program  
–Interview on February 2012 (the result is not yet announce)
- 2.Indonesian Scholarship for PhD programs, research stay and sandwich program  
–Interview on April 12<sup>th</sup>, and June 1<sup>st</sup>

### **III. Activities**

- a. ASEA UNINET Summer University in collaboration between the Masters in Management Program (MM) Universitas Gadjah Mada and Wirtschafts Universitat (WU) Vienna University of Economics and Business, Austria (August 2011)
- b. "90 Minutes Seminar: THEOLOGY ON STAGE, PROF. DR. WERNER SCHULZE (UNIVERSITAT FUR MUSIK UND DARSTELLEND KUNST, AUSTRIA (12 Des 2011).
- c. Exhibition of Architecture and Cities Austria is the result of collaboration of artists from Austria with artists from Yogyakarta (Sewon Art Space, and Austro-Indonesian Art Program) December 2011
- d. IndoAus corner is a new web site created to gather academic and research informations involving Indonesian and Austrian universities . For more information , refer to <http://indoaus-corner.wg.ugm.ac.id/>

### **IV. Future direction**

- a. Sandwich program for Master degree

- Courses in host university, doing research in Asea-Uninet members university
- Scholarship from government
- Free for a tuition fee
- Under the Asea-Uninet umbrella

Problem: Indonesian Government gives a scholarship only for PhD and Master degrees but not to by a new laboratory equipment

b. A joint effort to write a book series on the **“Success Story of ASEA UNINET : TRANSFORMING HIGHER EDUCATION THROUGH GLOBAL NETWORKING”**

**Report from the Phillipines**  
*Prof Dr Gisella Conception*

**STUDENT EXCHANGE PROGRAM 2012**

<b>UNIVERSITY of ORIGIN</b>	<b>HOST UNIVERSITY</b>	<b>PROJECT TITTLE / AREA</b>	<b>NUMBER of STUDENTS / LEVEL OF STUDY</b>	<b>DURATION (WEEKS )</b>	<b>SOURCE of FINANCIAL SUPPORT</b>
University of the Philippines Diliman, College of Law	Mahasarakahm University	Global Leadership Camp 2012	1 (Mr. Benedict Nisperos)	1 week	Accommodation by Mahasarakahm University; Travel Expenses by the College of Law, UP Diliman
Austrian universities	UPDiliman		18 students Asian Studies Program	Feb 4-12, 2009	
Austrian universities	UPDiliman		17 students	February - 14-22 2008	
Austrian unversities	UPDiliman		15 students	February 7-15, 2007	
Austrian universities	UPDiliman		16 students	February 8-16, 2006	
Austrian universities	UPDiliman		19 students	February 7-14, 2005	

**STAFF EXCHANGE PROGRAM 2012**

<b>UNIVERSITY of ORIGIN</b>	<b>HOST UNIVERSITY</b>	<b>PROJECT TITTLE</b>	<b>NUMBER of STAFF</b>	<b>DURATION (WEEKS)</b>	<b>SOURCE of FINANCIAL SUPPORT &amp; APPROXIMATE AMMOUNT</b>
University of the Philippines Diliman, National College of Public Administration and Governance	Mahasarakahm University	Visiting Professor	2 Professors (Dr. Joyce Cuaresma and Prof. Mark Anthony Gamboa)	Dr. Cuaresma – (20 weeks); Prof. Gamboa – (5 weeks)	
University of the Philippines Diliman	Mahasarakahm University	2nd International Seminar and QS Master Class on Internationalization of Higher Education, Bangkok, Thailand	1 Professor (Dr. Milagros Laurel as speaker in the conference)	2 days	
University of the Philippines Baguio	University of Graz (Karl-Franzens de Universitat Graz)	Ph.D. Grants	3 Faculty	40 weeks	University of Graz; €12,180: €11,280 per year for accommodation, insurance, living costs; and €900 per year for travel assistance

<b>SPECIFIC PROGRAM 2012:</b>					
<b>JOINT ACTIVITY</b>		<b>PROJECT TITTLE</b>	<b>DURATION (WEEKS )</b>	<b>SOURCE of FINANCIAL SUPPORT</b>	<b>SPECIAL NOTE</b>
<b>UNIVERSITY of ....</b>	<b>UNIVERSITY OF .....</b>				
University of the Philippines Diliman, Department of Geography, College of Social Sciences and Philosophy	University of Salzburg, Center for Geoinformatics	Integrating Spatial Reasoning in Interdisciplinary Research and Education (SPATIALreason 1) – ASEA Uninet GIScience Faculty Development Workshop	5 days, Aug 15-19, 2011	ASEA UNINET	
University of the Philippines	University of Salzburg, Center for Geoinformatics	Integrating Spatial Reasoning in Interdisciplinary Research and Education (SPATIALreason 2) – ASEA Uninet GIScience Faculty Development Workshop	5 days, Nov. 4-8, 2011	ASEA UNINET	

**Immediate outcome** (graduated / patent product / new discovery / gain expertise / technical knowledge) -

1. UP Diliman, CSSP, Department of Geography
  - a. The first workshop held in August 2011 was participated by delegates from different countries in SEA, particularly, Indonesia, Malaysia, Thailand, Vietnam and the Philippines. Participants from the Philippines were from the Department of Geography – UPD, and UP Los Baños.

The participants were given lectures on the fundamentals of Geographic Information Systems (GIS) and were required to present their project proposals focusing on the use of GIS in their research.

The second workshop held in November was participated by delegates from Thailand, Malaysia and the Philippines. The participants from the Philippines came from UP Diliman, UP Manila (College of Public Health), UP Los Baños and from NEDA Cebu. Slots were limited since the workshop required hands-on activities and exercises. The participants also presented their research proposals on how GIS could be utilized in different fields of study.

**Future Plans** ( continue activity / increase number of mobilization / to include other disciplines / supervising visit )

1. UP Diliman, CSSP, Department of Geography
  - a. The Department of Geography plans to continue its collaboration with the University of Salzburg under the ASEA-UNINET program in the conduct of GIS workshops and other endeavors, such as a joint program in GIScience.

<b>FACULTY EXCHANGE PROGRAM 2012</b>					
<b>UNIVERSITY of ORIGIN</b>	<b>HOST UNIVERSITY</b>	<b>PROJECT TITTLE</b>	<b>NUMBER of STAFF</b>	<b>DURATION (WEEKS )</b>	<b>SOURCE of FINANCIAL SUPPORT &amp; APPROXIMATE AMMOUNT</b>
University of the Philippines Diliman, National College of Public Administration	Maharakahm University	Visiting Professor	2 Professors (Dr. Joyce Cuaresma and Prof. Mark Anthony Gamboa)	Dr. Cuaresma – (20 weeks); Prof.	

**FACULTY EXCHANGE PROGRAM 2012**

<b>UNIVERSITY of ORIGIN</b>	<b>HOST UNIVERSITY</b>	<b>PROJECT TITTLE</b>	<b>NUMBER of STAFF</b>	<b>DURATION (WEEKS )</b>	<b>SOURCE of FINANCIAL SUPPORT &amp; APPROXIMATE AMMOUNT</b>
and Governance				Gamboa – (5 weeks)	
University of the Philippines Diliman	Maharakahm University	2nd International Seminar and QS Master Class on Internationalization of Higher Education, Bangkok, Thailand	1 Professor (Dr. Milagros Laurel as speaker in the conference)	2 days	
University of the Philippines Diliman		PhD Fellowships (3 years)	Mr. Renier G. Mendoza (Institute of Mathematics)	Starting AY 2011-	
University of the Philippines Diliman	University of Graz	PhD Fellowships (3 years)	Ms. Irene Rodriguez Institute of Chemistry (October 2005)		
University of the Philippines Diliman	University of Graz	PhD Fellowships (3 years)	Ms. Michelle Vallejos CS (Jan 2005)		
University of the Philippines Diliman	Graz University of Technology	Research fellowships (1 month)	Prof. Vivien T. Supangco (Department of Business		

**FACULTY EXCHANGE PROGRAM 2012**

<b>UNIVERSITY of ORIGIN</b>	<b>HOST UNIVERSITY</b>	<b>PROJECT TITTLE</b>	<b>NUMBER of STAFF</b>	<b>DURATION (WEEKS )</b>	<b>SOURCE of FINANCIAL SUPPORT &amp; APPROXIMATE AMMOUNT</b>
			Administration- starting 2011); Mr. Marrick Neri (Department of Mathematics-2006); Mr. Angelo Velasco (Department of Mathematics - 2006)		
University of the Philippines Diliman	Graz University of Technology		Dr. Susan P. Festin (College of Engineering – April 2005); Dr. Susan Arco (Institute of Chemistry – March 2005)		
University of the Philippines Manila		Post-doctoral fellowships (1 year)	Dr. Alex C. Gonzaga Dept. of Physical Sciences &		

**FACULTY EXCHANGE PROGRAM 2012**

<b>UNIVERSITY of ORIGIN</b>	<b>HOST UNIVERSITY</b>	<b>PROJECT TITTLE</b>	<b>NUMBER of STAFF</b>	<b>DURATION (WEEKS )</b>	<b>SOURCE of FINANCIAL SUPPORT &amp; APPROXIMATE AMMOUNT</b>
			Mathematics (October 2008)		
University of the Philippines Baguio	University of Graz (Karl-Franzens de Universitat Graz)	Ph.D. Fellowship Grants (3 years)	Mr. Dexter Jane L. Indong; Prof. Gilbert R. Peralta (Starting 2010); Prof. Jerico B. Bacani (Starting 2009); Prof. Aurelio De los Reyes (2006 - 2007) all from the Department of Mathematics and Computer Science	40 weeks	University of Graz; €12,180: €11,280 per year for accommodation, insurance, living costs; and €900 per year for travel assistance
University of the Philippines Los Banos		PhD Fellowships (3 years)	Prof. Sheryl Lozel B. Arreola (Starting AY 2010-) Institute of Chemistry		

**FACULTY EXCHANGE PROGRAM 2012**

<b>UNIVERSITY of ORIGIN</b>	<b>HOST UNIVERSITY</b>	<b>PROJECT TITTLE</b>	<b>NUMBER of STAFF</b>	<b>DURATION (WEEKS )</b>	<b>SOURCE of FINANCIAL SUPPORT &amp; APPROXIMATE AMMOUNT</b>
University of the Philippines Los Banos	University of Graz		Mr. Elmer Rico Mojica (Institute of Chemistry April 2005 )		
University of the Philippines Visayas		Post-doctoral fellowship (North-South Dialogue-6 months)	Dr. Rosalie B. Hall Starting AY 2006-2007		
University of Graz	University of the Philippines Diliman Math Department		Five Professors February 7-18, 2005		

## **Report from Pakistan**

*Prof. Dr. M. Iqbal Choudhary*

International Center for Chemical and Biological Sciences (ICCBS) of University of Karachi is the ASEA-UNINET's associate member institution in Pakistan.

The ICCBS is a world class center of excellence in the field of chemical and biomedical sciences. The center has over 480 Ph.D students. Which makes this the largest academic research establishment in Pakistan. The instrumental facilities, worth over US \$ 100 million, are at par to good institutions in Europe and North America. The center has a very profile research program with over 5,600 international publications, over 200 scientific books, citations exceeding 30,000 and numerous international patents. The center is hosting hundreds of foreign scientists and young students from every regions of the world.

The ICCBS has benefitted from ASEA-UNINET in major way. Through the visits of senior scientists and training of young scholars, the center was able to introduce following new disciplines.

(a) Computational Medicinal Chemistry and Computational Biology

(b) Mass Spectrometry and Cancer Proteomics

These two newly introduced disciplines have already start contributing in world literature research publications and patents.

The ICCBS is now willing to offer its services to sister institutions in ASEA-UNINET. The ICCBS wish to offer short trainings of young scholars and technicians, as well as provision of spectroscopic and bioassay analysis. The state-of-the-art research facilities, library infrastructure, pleasant and comfortable accommodation on campus and joint research projects.

The ICCBS is also willing to serve as a center for on-place trainings of scientists and scholars form Myanmar, Laos, Cambodia and other countries. The ICCBS welcome holding of joint workshops, seminars and conferences.

One program in which ICCBS is particularly interested in on-line teaching of courses and credit recognition for on-line courses.

Presented by

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