Programme
1st EUREGIO RESEARCH COOPERATION DAY

October, 24th and 25th 2013
at the Free University of Bozen-Bolzano
Piazza Università 1 – Bolzano

Participating Universities:
Free University of Bozen-Bolzano (FUB)
University of Innsbruck (UIBK)
University of Trento (UNITN)

Thursday, October 24th
Introduction (chair: S. Zerbe) Room D1.01
10.30-10.40 S. Zerbe (Vice-Rector for Research FUB): Welcome/Begrüßung/benvenuto
10.40-10.55 S. Schindler (Vice-Rector for Research UIBK): General introduction on research at the University of Innsbruck
10.55-11.10 A. Quattrone (Vice-Rector for Research UNITN): General introduction on research at the University of Trento
11.10-11.20 S. Zerbe (Vice-Rector for Research FUB): General introduction on research at the Free University of Bozen-Bolzano
11.20-12.00 General introduction of Research at the 5 FUB faculties (8 min. each)
M. Tagliavini (Dean of the Faculty of Science and Technology, FUB)
P. Abrahamsson (Dean of the Faculty of Computer Science, FUB)
L. Courteau (Dean of the School of Economics and Management, FUB)
G. Glüher (Dean of the Faculty of Design and Art, FUB)
F. Comploi (Dean of the Faculty of Education, FUB)
12.00-13.00 Lunch for at the FUB canteen

Plenary session: Highlights of research at the Universities of Trento and Innsbruck
(chair: A. Quattrone) Room D1.01
13.00-13.30 N. Pugno: Bioinspired Materials (UNITN)
13.30-14.00 S. Scherer: Research on Social Inequalities (UNITN)
14.00-14.30 M. Kirchler: Do Markets Erode Moral Values per se? (UIBK)
14.30-15.00 T. Fahringer: Optimizing Parallel Programs for Runtime, Costs, and Energy (UIBK)
15.00-15.30 Coffee break

(15.30-18.00) Parallel sessions

Session I: Humanities & Social Sciences (chair: R. Franceschini) Room D1.01
8 min. each (incl. discussion)
15.30-17.30 A. Saxalber & A. Schneider: Lesen und Schreiben in den Sachfächern (FUB)
R. Franceschini & S. Dal Negro: Cultural Contacts and Multilingualism - Continuity and Discontinuity in Alpine Regions (FUB)
J. Druml: Deutsch als Zweitsprache und Literatur in Lehre und Ausbildung: theoretische Grundlagen und Fallstudien (FUB)
P. Videsott: Research on Ladin language (FUB)
S. Baroncelli: Language as a factor of political and social integration (FUB)
S. Elsen & J. Schicklinski: wwwforeurope – work, wealth, welfare, Europe moving to a new path (FUB)
D. Ianes: Inclusive Education (FUB)
G. Wallnöfer: Internationale Curriculumsforschung im Primarbereich & Ausbildungsmodelle im Frühpädagogischen Bereich (FUB)
F. Ricci Garotti: The debate of bilingual education: policy and research in Italy (UNITN)
S. Scherer: Department Presentation (UNITN)
L. Bianchin: Transformation der Souveränität und Schutz der Menschenrechte (UNITN)
A. Oberprantacher, E. Binder, B. Mertz-Baumgartner, N. Grüne: Boarders: Contact - Communication - Conflict (UIBK)
E. Kistler: Network Societies 500 B.C. and Today - New Perspectives from Archaic Western Sicily (UIBK)

17.30-18.00 Final session: discussion

Session II: Economics (chair: A. Narduzzo) 20 min. each (incl. discussion) Room E3.20
15.30-17.30 A. Narduzzo: Managing ill-structured problems - Entrepreneurship & Innovation (FUB)
A. H. Hamel: Set Optimization and Mathematical Finance (FUB)
S. Trento: Department Presentation (UNITN)
R. Raffaelli: Sustainable Alpine tourism and sustainable consumption: towards an interdisciplinary approach (UNITN)
A. Hemetsberger: The Democratization of Markets - Practices of Sharing (UIBK)

17.30-18.00 Final session: discussion

Session III: Engineering (chair: S. Schindler) 12 min. each (incl. discussion) Room E3.23
15.30-17.30 A. Gasparella: Technology Park South Tyrol (FUB)
M. Mincheff: Embedded Systems Engineering - From Sensors to Digital Signal Processing and Closed-Loop Control (FUB)
R. Vidoni: Automation and robotics for SMEs (FUB)
M. Da Lio: Artificial Co-Drivers as an Enabling Technology for Future Intelligent Vehicles and Transportation Systems (UNITN)
P. Scardini: Thin Films Solar Cells for Advanced Fotovoltaics (UNITN)
M. Benedetti: Materials for Mechanics and for Structural Applications (UNITN)
G. Hofstetter: Numerical Modeling of the Advance of Deep Tunnels (UIBK)
A. Bockreis: Cascading approach of biowaste treatment (UIBK)
C. Zierhofer: Electrical Hearing with Cochlear Implants (UIBK)
A. Saxer/S. Unterberger: Multiscale Engineering - From Research to Industrial Application (UIBK)

17.30-18.00 Final session: discussion

Session IV: Informatics (chair: S. Helmer) 15 min. each (incl. discussion) Room E5.22
15.30-17.30
A. Sillitti: Energy-aware software systems (FUB)
S. Helmer: Itinerary Planning for Tourist Applications (FUB)
M. Montali: Management and verification of data and business processes (FUB)
G. Specht: Intrinsic Plagiarism Detection (UIBK)
G.P. Picco: Department Presentation (UNITN)
R. Lo Cigno: Advantage of Joint PhDs under the BIT School (UNITN)

17.30-18.00 Final session: discussion

Session V: Natural Sciences (chair: S. Zerbe) 10 min. each (incl. discussion) Room F0.01
15.30-17.30
S. Zerbe: Ecosystem restoration and sustainable use of resources (FUB)
U. Tappeiner: Ecosystem Services in changing environments: past, present and future (UIBK)
G. Kaser: Glaciers in the Changing Climate (UIBK)
F. Comiti: Hydrological and geomorphological dynamics of mountain basins (FUB)
S. Risse: The Alps and Caucasus – interdisciplinary and comparative analysis (FUB)
S. Angeli: Plant-insect-interactions and Insect Chemical Ecology (FUB)
L. Pavesi: Physics at Trento: two examples (UNITN)
A. Pugliese: Mathematical Modelling in Biomedical Engineering (UNITN)
O. Jousson: Integrative Biology at Trento (UNITN)
R. Wester: Elucidating Molecular Processes on an Atomic Level (UIBK)

17.30-18.00 Final session discussion
Session VI: Meeting of the 3 Research Offices UNITN, FUB, UIBK Room G1.03

15.30-17.30 Exchange of best practices

19.00-21.00 (Restaurant La Torcia, Bolzano) Dinner for the Speakers

Friday, October 25th

Plenary session: Interdisciplinary research (chair S. Schindler)
10 min. each (incl. discussion) Room C2.06

8.30-10.00
A. Vietti & L. Spreafico: The potential of the Ultrasound tongue technique for speech sciences (FUB)
A. Miotello: Materials for Energetics (UNITN)
F. Vespignani: Social and Cognitive Aspects of Bilingualism (UNITN)
A. Valli: Mathematical modelling in biomedical engineering (UNITN)
M. Andreaus: New opportunities for research in management: some ideas for the discussion (UNITN)
K. Oeggl: HiMAT - an Interdisciplinary Approach to Mining History (UIBK)

10.00-10.30 Coffee break

Research facilities at the Free University of Bozen-Bolzano

10.30-12.00
L. Spreafico: Guided tour to the LabALPs - Alpine Laboratory of Phonetics and Phonology (Competence Centre Language, FUB)
M. Scampicchio: Guided tour to the lab of the Faculty of Science and Technology (FUB)
G. Winkler: Special services of the FUB Library

12.00-13.00 Lunch at the FUB canteen

13.00-17.00 Departure to the University of Trento and visit of research facilities