Poster Presentation Session
Fostering Industrial and Scientific Cooperation Between Europe and Japan

Prof. Claudio Capiglia Ph.D. (Dr. Eng.) / Program Manager
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Overview of the five years research program achievements

Strategic Partnership with European and Japanese Universities, National Research Institutes and Industries for the Scientific and Industrial development of renewable energy, biomaterials, next generation batteries technologies, their materials and related technology applications, while envisioning the creation of a Sustainable Society.
European Research[ers’] Day
Poster presentation session

Infrastructures beyond national borders
Daniel DEL BARRIO ALVAREZ, The University of Tokyo, Civil Engineering

Research Work

Resources can be better optimized
Country A
Country B
Country A
Country B

Regional negotiations are essential
Context-dependent processes

Can we better understand new projects from past cases? How?

Experience in Japan

- MEXT Scholarship-Univ. recommendation
- Global Leader Program for Social Design and Management
- i.School (innovation education)

Multidisciplinary is possible and valued

Europe + Japan

- Complementary experiences
- Adaptation sometimes an issue
- Not many “European references”

Next step uncertainty always a concern
European Research[ers’] Day
Poster presentation session

P03

Direct Brain to Robot Communication
- Brain-computer/machine Interfaces at University of Tsukuba -

Tomasz M. RUTKOWSKI University of Tsukuba & RIKEN Brain Science Institute

• 17 years of research experience in Japan:
  ✓ Research associate at RIKEN BSI
  ✓ Postoc at Kyoto University
  ✓ Research scientist at RIKEN BSI
  ✓ Assistant professor at University of Tsukuba & visiting scientist at RIKEN BSI

• Please come to see and discuss our poster about direct brain-robot control results – a research conducted by my students in collaboration with RIKEN BSI researchers
The establishing of tissue cultures and plant regeneration from *Crocus heuffelianus* and *Crocus scepusiensis*

Zita Demeter
Tropical Crop Improvement, Bioresource Development of Department of Applied Biological Sciences of the Faculty of Agriculture of Saga University
Fisheries Management in Shiretoko
Eirini Ioanna VLACHOPOULOU
Yokohama National University/University of the Aegean

Background
- PhD candidate at the University of the Aegean, Greece
- Researcher at Yokohama National University, Japan
- Collaboration with the Fisheries Research Agency, Japan
- MEXT Scholarship

Research in Japan
- Fisheries Management at the Shiretoko World Natural Heritage Site
- Social-Ecological Systems Analysis
- Shiretoko WNHS as a best-practice case for participatory resource management
DevOps Software Framework for Robotic Pervasive Systems
Floris ERICH
PhD Student in Empowerment Informatics, University of Tsukuba

Research and Development of a Software Platform for developing and operating robotic applications in real world environments
We do not specify the real world environment, hence part of the solution should allow the consumer to specify the relevant real world
Still, some support should be offered by offering various reference architectures:
  Behaviour-based robotics
  Probabilistic robotics
Adaptive Integrative Modeling of Sustainable Terrestrial Hunting Systems in East Asia

Arthur Mueller, Bakk.phil, MA, Phd candidate
Department of Symbiotic Science of Environments Natural Resources
Tokyo University of Agriculture and Technology (TUAT)

**Academic and professional background** - Economic Chamber of Commerce (WKO)
- Graduated in Economy and Society of East Asia at the University of Vienna (ECOS)
Joined the Vienna Hunting Association in 2011 while writing the MA thesis on “Testing Sustainability in Hunting Systems of Austria, Japan and South Korea”

**Scholarship program**
Monbukagakusho scholarship since April 2015
Applicant for the Mitsui Environmental Fund in 2016

**Phd research purpose**
Analyze and compare hunting systems in East Asia
Solve similar ecological, socio-cultural and economic problems
Learn from each others` examples of success and failure
Implement suitable European wildlife management models
Future Internet: NDN, SDN and NFV
Thomas SILVERSTON
The University of Tokyo / JFLI, CNRS UMI3527

- Assoc. Professor at Université de Lorraine, Nancy, France
  - LORIA, CNRS UMR 7503
- 09/2014: Visiting Researcher at JFLI (CNRS UMI 3527)
  - Japanese-French Laboratory for Informatics
  - University of Tokyo
- Research Topic – **Future Internet**: NDN, SDN, NFV
  - NDN: Named-Data Networking
  - SDN: Software-Defined Networking
  - NFV: Network Function Virtualization
- **Scienscope**: Association of the *French-speaking* Researchers and students in Japan
  - **French Research Day 2015**: November 13th 2015
    with French Embassy in Japan, MFJ, CNRS, CCIFJ, ABC, ABSCIF, ABG
Atoms in Motion

- Search for new Thermoelectric materials

Wilfried WUNDERLICH, Tokai University, wi-wunderli@rocketmail.com

Video at http://youtu.be/R8VTClvKK8w

Electron-Phonon Coupling: Search for the Tsunami wave inside the crystal

Reduction of CO2 emission

Back to home country
Best Education, Ethic

Small bandgap

Low Bandgap

10meV / 1eV

Nobel prize in Physics
Criticism and the Rewriting of Contemporary Japanese Cinema
Jose MONTAÑO The Japan Foundation / Waseda University

PhD thesis: *The Rewriting of Contemporary Japanese Cinema by Spanish Criticism. Looking at the Cinema Polysystem from its Margins*

Interdisciplinary approach to a Film Studies issue (Literature theory as a frame)
Bridging both European and Japanese cultural spaces (cultural industries)

My research project and Japan:

Supported by the *Japan Foundation Japanese Studies Fellowship*
Stay at *Waseda University* as visitor researcher

My experience:

Difficulties to stablish a network
Foundation of the

*Association of Spanish Scientists and Researchers in Japan*
From thermonuclear fusion to light-emitting diodes (LED): applications of plasma-surface interaction studies

Cédric THOMAS, Institute of Fluid Science, Tohoku University, Sendai

Nancy, France
Marseille, France
JSPS
Osaka, Japan
Sendai, Japan
**Antecedents and Consequences of Perceived Workplace Justice in Japan**

Vyara RADULOVA, German Institute for Japanese Studies (DIJ), Tokyo

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<th>ME</th>
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<tbody>
<tr>
<td>Vyara Radulova, PhD student at Ludwig-Maximilians-University, Munich (Germany)</td>
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<tr>
<td>Currently scholarship holder (06/2015 – 12/2015) at the German Institute for Japanese Studies, Tokyo (Japan)</td>
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<th>MY RESEARCH</th>
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<tr>
<td>Research area: Organizational Behavior, more specifically Organizational Justice</td>
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<td>Research questions: How and to what extent do fairness considerations influence Japanese working life?</td>
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<th>MY EXPERIENCE</th>
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| DIJ as a scholarship institution/employer highly recommended  
-> Please apply |
| In general: difficulties within the data collection process in Japan  
-> Please help: http://unipark.de/uc/survey_japan/ |
And now…
Poster viewing & lunch!