



科学技術振興機構
Japan Science and Technology Agency

French – Japanese Workshop

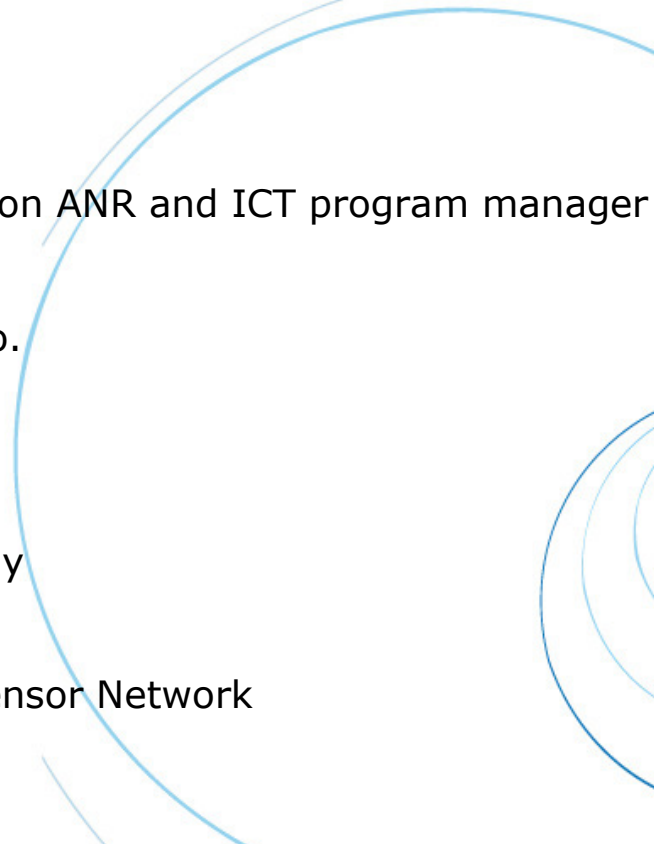
in the field of

**Information and
Communication Science and
Technologies**

19 & 20 of November

Agenda:

Thursday, Nov 19th 2009 (1)

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- 14:00 Opening
J. LECOURTIER, General Director, ANR
 - 14:20 Presentation of JST – ANR joint call
Nakita VODJDANI, Head of International Cooperation ANR and ICT program manager
 - 14:40 Bio MEMS for ICT
Beomjoon KIM, Associate Professor, Univ. of Tokyo.
 - 15:00 ICT Technologies for next car generation
Christian LAUGIER, Research Director, INRIA.
 - 15:20 Vision-based 3D Media Synthesis and Display
Hideo SAITO, Professor, Keio University.
 - 15:40 Reconfigurable architectures for Wireless Sensor Network
Daniela DRAGOMIRESCU, LAAS-CNRS.
 - 16:00 Coffee break

Agenda:

Thursday, Nov 19th 2009 (2)

16:20 Meme Media and Knowledge Federation Architectures
Yuzuru TANAKA, Professor, Hokkaido Univ.

16:40 High performance simulation based on new processor architecture for
seismology and geophysics
Fabrice DUPROS and Hideo AOCHI, BRGM.

17:00 XcalableMP: A performance-aware scalable parallel programming
language and "e-science" project for Japanese Petascale supercomputer
Mitsuhisa SATO, Professor, Univ. of Tsukuba.

17:20 Evolution of mobile networks, mobility management
Jean-Marie BONNIN, Telecom Institute.

17:40 Micro sensors for robots
Jean-Philippe POLIZZI, CEA-LETI.

18:00 Hardware and Software Architectures for Embedded High Performance
Computing
Thierry COLETTE, CEA LIST.



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JST -ANR

collaborative call for proposals
in the field of

**Information and
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Technologies**

ANR-JST cooperation in ICT

- ANR JST Cooperation in ICT built on the ground and pillars constructed by Japan with French ministry of foreign affairs and ministry of research and French research organisations:
 - P2R
 - STIC Asie
 - International common labs CNRS INRIA
 - Laboratory for Integrated Micro Mechatronic Systems (UMI LIMMS CNRS University of Tokyo):Dominique COLLARD
 - Joint Robotics Laboratory CNRS-AIST JRL: Abderrahmane Kheddar

2008- 5 Proposals received 1 selected

1. SyDiNMaLAS : Integrating Symbolic Discovery with Numerical Machine Learning for Autonomous Swarm Control - Michele SEBAG LRI (CNRS INRIA) Einoshin Suzuki Kyushu University

2009- 9 Proposals received 2 selected

1. PetaFlow : Peta-scale data generation: application to upper airway flow modeling - Annemie VAN HIRTUM (CNRS GIPSA), BABA Kenichi (Cybermedia Center, Osaka University).
2. BINAAHR : Binaural Active Audition For Humanoid Robots - Patrick DANES (CNRS LAAS) OKUNO Hiroshi (Kyoto University)

**Separate evaluation of proposals by JST and ANR
Funding /project limited**

ANR-JST cooperation in ICT for 2010:

Joint funding program

- Call open 9th October 2009
- Closing 8 January 2010

Continuation of Cooperative program

- Call open 15th January 2010
- Closing 15th April 2010 (frame of programme blanc international)

- Communication, computer sciences, robotics, and micro/nanotechnologies for ICT and innovative usages of ICT
- Examples:
 1. Software science and engineering
 2. Technologies of next generation computing, communication and networking system
 3. Ambient intelligence
 4. Information privacy
 5. Security of information systems including new technologies based on quantum effects
 6. Dependability of information and communication system
 7. Technologies of processing or utilizing large web information
 8. Software and algorithm aspects of high performance computing
 9. Technology of robotics, artificial intelligence (AI)
 10. Virtual reality (VR), and human interface (HI)
 11. Micro and nanotechnologies for ICT
 12. Innovative usages of ICT

COLLABORATIVE RESEARCH CONSORTIA

- At least, one French and one Japanese academic research group
- typically 4 to 8 (FR+JP) partners
- Participation of industry is possible and welcomed but not mandatory
- Balanced scientific and funding contribution of both countries.
- Involve integrated collaboration between partners from both countries. Stand-alone sub-projects in the two different countries will not be admissible.

Type of projects for the Joint funding program

- Fundamental research or application oriented research (industrial research)
- Duration 3 year
- The intention in this call is to fund ambitious projects.
- typically 4 to 8 (FR+JP) partners
- Average funding per project is about 500.000 € on each side. The JST maximum funding per project will be 100 million Yen (~ 800.000 €) per year per project.
- Depending on the number /quality / budget of the proposals received, the intention is to fund 2 to 4 ambitious projects

- JST will fund Japanese teams according to its national rules
- ANR will fund French teams according to its national rules
- Funds may be used to cover:
 - salaries of postdoctoral fellows and doctoral students
 - consumables, equipment
 - travel expenses for internal consortia meetings (at least one internal meeting per year)
 - researcher exchange between France and Japan.
- Adequate funds for exchange and meetings shall be included in proposals.
- Applicants should include travel and accommodation costs for one mid term and one final conference in France or Japan: 1 participant per partner

- The Project participants' organisation should sign a Collaboration Agreement: Intellectual Property Rights, dissemination, non disclosure agreements etc...will be handled.
 - ANR Collaboration agreement will need to be signed before the grant notification would be made
 - JST Collaboration agreement will need to be signed before the grant notification would be made in 3 months after the grant notification has been made.
- Reports, developments and documents related to projects in english

Joint funding program eligibility criteria

- At least one academic team from each country
- 3 years duration
- Same scientific proposal written in english following the template provided on line sent at ANR and JST on due time
- Complete documents as requested by JST for Japanese and ANR for French
- For French participants:
 - The principal investigator (coordinator) should be involved for at least 4 month of his research time per year on the project

- For each proposal 4 remote peer reviews (2 selected by JST, 2 by ANR) and
- Evaluation criteria:
 - Conformity with Program Aims and Designated Research Fields including project integration
 - Scientific quality and innovativeness of the joint research plan
 - Methodology, feasibility and appropriateness of the joint research plan
 - Global impact: Scientific, technical, economical, societal
 - Added value to be expected from the Japanese-French research collaboration; Balanced cooperation.
 - Competence and expertise of the Japanese and French scientists teams and complementarities of consortium (interdisciplinary / inclusion of all necessary expertises)
 - Appropriateness of resources and funding requested

Joint funding program evaluation/selection process-2

- Common international panel of experts (half members selected by JST, half by ANR) will rank applications based on the remote experts view and panel view
- Some proposals may be selected for a panel interview which will take place in Paris from 18 to 19 of March 2010.
- **Keep your agenda free for 18 to 19 of March 2010!**
- The results of the selection process: end of March 2010.
- In order to prepare reserve and assemble the appropriate panel and experts please send by 8th of December draft:
 - Title of proposal
 - Tentative partners
 - Key words to summarise and for domain of expertise

Which call?

- **Joint funding program** (This dedicated call 9/10/2009-8/1/2010)
 - Funding for 3 years from JST limited to max 2400K€/ project
 - Typically 4-8 partners
- **Cooperative program** (frame of programme blanc international 15/1/2010-15/4/2010)
 - Funding for 3 years from JST limited to ~ 100K€/ project
 - Typically 1 +1 partner

Have a fruitful workshop!

Consider that each of you is an
ambassador for his /her national
colleagues



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