

6th AccessNova Forum Atsugi Symposium 2010: Broadcast, Telecom and Computing Convergence

Invitation to Atsugi Symposium 2010

By hosting the Sixth AccessNova Forum, the *Atsugi Symposium 2010* offers a unique opportunity to address and discuss many relevant technical and business issues involved as we face the various challenges behind the "*Broadcast, Telecom and Computing Convergence*". Our intention is to bring together people from various disciplines and different R&D organizations with a long tradition of international collaboration and friendship, in a special academic environment, where we can analyze in depth our current activities and discuss in detail our future ones.

We hope you can accept our invitation to participate in the Atsugi Symposium 2010, a conference focused on the frontier of ultra-high speed networking for advanced applications used across the board in fields such as zero-fault communications for disaster prevention, HD IPTV, energy and environment, data imaging, remote mining, e-science/grids/high performance computing, data storage/processing/archiving, remote healthcare/medicine, remote astronomy. The tentative program is indicated below.

Program Committee

Hironichi Shinohara, NTT Headquarters, Tokyo, Japan (Co-chair)
Eduardo Vera, CMM/EE&CS Dept., University of Chile, Santiago, Chile (Co-chair)
Kazuo Hagimoto, NTT Science and Core Technology Lab Group, Atsugi, Japan
Yoshihisa Sakai, NTT Headquarters, Tokyo, Japan
Hisao Uose, NTT-AT, Tokyo, Japan

Date: Nov 16 – 18, 2010

Venue: NTT Atsugi R&D Center
3-1 Morinosato-Wakamiya
Atsugi, Kanagawa 243-0198 Japan

Sponsors: Nippon Telegraph and Telephone Corporation

Cooperation: AccessNova Research Collaboration Network
Center for Mathematical Modeling (CMM), University of Chile (UCHile)

Registration: JPY 40,000 (includes optional tour, reception and banquet fees)

Online registration at <http://www.registrationdesk.jp/accessnova2010/>

Information: Atsugi Symposium 2010 Organization Committee,
c/o Vision Bridge LLC.
Telephone: 03-5909-5420
e-mail: registration@visionbridge.jp
<http://www.accessnova.cl/atsugi>

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Tentative Program (version 8.4)

Tue Nov 16 (ANForum + Chile-Japan Business Committee)

Bus: Tokyo Imperial Hotel (08:00) -> JAXA Sagamihara Campus (09:30)

09:30-11:00 Japan Aerospace Exploration Agency (JAXA) Sagamihara Campus Tour

Bus: JAXA Sagamihara Campus (11:00) -> NTT Labs-Atsugi (12:00)

12:00-12:05 Greetings from Chilean Ambassador, Patricio Torres

12:05-13:00 Lunch

13:00-13:05 Welcome Remarks, Kazuo Hagimoto (NTT)

13:05-13:30 Keynote-1 Speech, New Generation Network (NWGN) & Cloud Computing
- ICT Paradigm Shift in 2010s based on two innovative technologies -
Tomonori Aoyama (Keio University)

[Session 1] Chair: E. Vera

13:30-14:00 HPC Applications: Simulations of Complex Systems in Automotive Industry
Koichi Kajitani (IBM Research-Tokyo)

14:00-14:30 Robust Communications for Emergencies/Chilean Miners Rescue
Felipe Mujica (Micomo) remote from Santiago, Chile, via REUNA

14:30-15:00 Recent Trends in NTT's wireless research and development
Shindo Yoshihisa and Osamu Kagami (NTT AS Labs)

15:00-15:15 Coffee

15:15-15:45 ICT in Mining, Pedro Morales (Codelco)

15:45-16:15 High Definition IPTV, Masahito Kawamori (NTT)

16:15-16:45 ICT in Astronomy, Ken Tatematsu (ALMA-J/NAOJ)

16:45-17:15 New Technologies for Fetal Medicine, Toshio Chiba, Toshio Chiba (NCCHD)

17:15-18:30 Conference Reception

Bus: NTT Labs-Atsugi (18:30)-> Tokyo Imperial Hotel (20:00)

Wed Nov 17 (ANForum only)

Bus: Tokyo Imperial Hotel (08:00) -> NTT Labs-Atsugi (09:30)

[Session 2] Chair: K. Nozawa

09:30-10:00 Collaboration of R&E networks, Hisao Uose (NTT-AT)

10:00-10:20 LSST Requirements and Challenges

Chris Smith (CTIO-AURA) remote from La Serena, Chile, via REUNA

10:20-10:40 High Performance Computing (HPC) and Mathematical Modeling in
Data-driven Sciences, Jaime San Martin and Eduardo Vera (UCHile) 10:40-11:00

Coffee Break

11:00-11:20 Wireless Innovation Platform, Ken Gilmer (Bug Labs Inc)

11:20-11:40 Robust Video Fingerprinting System
Luis Loyola (SkillUpJapan Corporation)

11:40-12:00 Distributed Cloud Transcoding System
Horacio Sanson (SkillUpJapan Corporation)

12:00-13:00 Lunch

[Session 3] Chair: H. Uose

13:00-13:20 Web Mining: Understanding the web user behavior in a Web site
Juan Velásquez (UCHile)

13:20-13:40 HD Radio Mobile Data Services: An Efficient Infotainment and Telematics
Delivery Method, Claudio Martinez (Ibiquity Digital Corporation)

13:40-14:00 The Emergence of Science Policy: the challenges of optimization
Robert Este (UCalgary)

14:00-14:20 Advanced Lithium-ion Battery Systems for Environmentally-friendly Vehicles
Hideaki Hori (Nissan)

14:20-14:40 R&E Networks in Chile and Latin America: EVALSO Project
José Palacios (REUNA)

14:40-15:50 Lab Tours in Atsugi R&D Center.

15:50-16:00 Final Conclusions and Wrap-up

Bus/Taxi: NTT Labs-Atsugi (16:00) -> Hon-Atsugi Station (Odakyu Line)

Train (Odakyu Line): Hon-Atsugi Station (17:00)-> Tokyo Imperial Hotel (19:00)

(for those not taking the optional tour)

[Optional Tour]

Bus: NTT Labs-Atsugi (16:00)-> Hotel Regina Kawaguchi-ko (18:00)

17:00-19:00 Check-in and Hot Spring Bath (onzen)

19:00-21:00 Conference Dinner

Thu Nov 18

07:30-08:30 Breakfast at Hotel Regina Kawaguchi-ko

8:30-9:00 Check-out

09:00-17:00 Mt. Fuji Tour

Lake Kawaguchi (17:00) -> Tokyo Imperial Hotel (19:00)