

Salt Lake City UW TC Meeting

- Thanks to Salt Lake Meeting Chair
 - Scott Sommerfeldt *BYU*
- Thanks to Salt Lake UW TPOM rep *Tracianne Neilsen (and George Ioup)*
- Thanks to SLC UW Special Session Organizers
 - Passive Imaging and Monitoring Using Random Wavefields *Karim Sabra and Martin Siderius*

Honolulu

Student Paper Awards

- 1st Claire Debever SIO
 - Higher frequency matched field processing
- 2nd Andy Ganse UW
 - Adapting results in filtering theory to inverse theory, to address the statistics of nonlinear geoacoustic inverse problems
- Many thanks to Kathleen Wage
 - Hawaii Last Meeting as Student paper Award Coordinator
 - Welcome to Juan Arvelo, our new coordinator

Pacific Rim Underwater Acoustics Conference

PRUAC - Welcome - Windows Internet Explorer
http://pruac.apl.washington.edu/

acifc rim unerwater acoustics

PRUAC - Welcome

Organizing Committee:

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Fenghua Li
Institute of Acoustics, Beijing

Jungyul Na
Hanyang University

Gerald D'Spain
Scripps Institution of Oceanography

Robert Spindel
University of Washington

Pacific Rim Underwater Acoustics Conference 2007
3–5 October 2007
Vancouver, BC, Canada

[Overview](#) | [Registration](#) | [Agenda / Details](#) | [Travel / Accommodations](#) | [Abstract Submissions](#)

CONFERENCE THEME:

Underwater Ambient Noise: Characterization, Applications, and Impacts

- inversion of noise for environmental parameters and other applications of ambient noise
- noise sources (including marine organisms), the ambient noise budget
- environmental impacts of noise on marine life
- short- and long-term temporal trends in ambient noise
- noise coherence in time and space
- vector (combined) sensor noise measurements
- noise in under-ice environments
- noise impacts related to sonar signal processing
- noise generation and propagation modeling
- noise measurement instrumentation and platforms

FEATURED SPEAKERS:

Douglas Cato
Defence Science and Technology Organisation and University of Sydney Institute of Science, Australia

Valery Gordienko
Moscow State University, Russia

William Kuperman

Internet 100%

ISURC 2008

- Deadline Jan 2008 for abstracts
- See website <http://isurc2008.org> for updates

First announcement



INTERNATIONAL SYMPOSIUM ON UNDERWATER REVERBERATION AND CLUTTER

Lerici, Italy
September 8 - 12, 2008

SYMPOSIUM CHAIRMEN

Dr. Peter L. Nielsen
Dr. Christopher Harrison
Dr. Mark Prior
NATO Undersea Research Centre

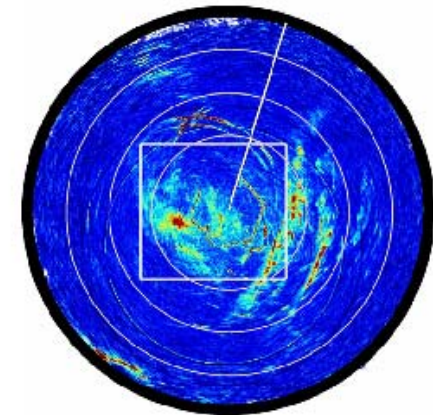
SYMPOSIUM CONTACT

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Topics

- Reverberation modelling and measurements
- Clutter modelling and measurements
- Inversion of reverberation and clutter data
- Reduction of reverberation and clutter
- Signal processing on reverberation and clutter data
- Environmental adaptation
- Target tracking in clutter
- Tactical decision aids accounting for clutter

New Orleans 27 Nov-1 Dec 2007

- Submission deadline 23 July 2007
- TPOM 10th-11th August. Rep(s) ?
- Finalize UW special sessions
 - Reverberation Measurements and Modelling *Eric Thorsos and John Perkins*
 - Need short description
 - Design of distributed surveillance and oceanographic monitoring systems UW/AO *Art Baggeroer and Henrik Schmidt*
 - ditto
 - *Others?*

Paris 29 Jun-4 July 2008

- 155th ASA + 5th Forum Acustica + 9th
Congres Francais d'Acoustique
- Deadline Jan 10th 2008
- Accepted Jan 21st 2008
- TPOM Feb 15-16th 2008
- Integrated with 8th ECUA
 - Possibility of 6-8 page paper DUE 30th April, 2008
 - One paper per registration (450 €)
 - Up to 2 additional papers at "300 € per" premium
 - Structured Sessions

Paris 29 Jun-4 July 2008

- 20 minute talks (both invited and contributed)
- 1 CD ECUA, 1 CD EuroNoise
 - participation determined by PACS
- UW/AO Monday 29th June Plenary Speaker (out of 4, two NA, 2 European)
- NURC Special Session
- Sponsored Student Paper Awards?
- 7 talks morning, 7 evening, 5 days, 17 rooms
~1200 talks total + 200 posters/day possibly accommodated

Paris Special Sessions

- UW
 - Impact of environmental variability on mid-frequency sonar performance UW/AO *Tang, Hines*
 - *Need co-Chair*
 - *Need short description*
 - Hines, Osler, Dahl, Turgut, Zurk, Dahl, Tang
 - Impact of internal waves on shallow water propagation *Lynch*
 - *Need co-Chair*
 - *Need short description*
 - *Need names (assured there are plenty)*
 - Sediment modeling *Chotiros*
 - *Need co-Chair*
 - *Need Short Description*
 - J. Berryman LANL, M. Buckingham SIO N. Chotiros ARL:UT, T. Hefner APL/UW, M. Isakson ARL:UT USA, J. Miller URI, S. Yoon

Paris Special Sessions

- UW

- Surf zone acoustics *Osler?*
- Seabed and sea surface interaction measurements, their modeling and interpretation along with associated environmental measurements *Dahl, Holland*
 - Laurent Guillon/Mike Ainslie potential co-Chairs
 - Have short description
 - Harrison, Siderius, Lynch, Ainslie, Chapman
- Sound propagation in 3-dimensional environments *Calvo*
 - *Need co-Chair*
 - *Need short description*
 - *Need names*

Paris Special Sessions Cont.

- UW
 - Vector sensors *Smith*
 - J.P. Hermand
 - *Need short description*
 - Art Baggeroer, Gerald D'Spain, Arye Nehorai, Malcolm Hawkes, Jean-Pierre Hermand, Harry Cox
 - Underwater acoustic telemetry-MIMO,LPI / Broadband underwater communications UW/SP *Baggeroer /Song*
 - *Need co-Chair*
 - *Need short description*
 - *Need names*

Paris Special Sessions Cont.

- UW
 - Sonar Calibration methodologies *Foote*
 - S. P. Robinson
 - Have description
 - *Need names*
 - Adaptive beamforming: Theory and practice in the real ocean
Cox ?
 - Underwater communications (EURO) *Porter*
 - Operational analysis for sensor design and performances (EURO)
Yann Stephan
 - Acoustic data fusion (EURO)
 - EA/UW AUV (EURO)
 - High frequency variability (EURO) *Thomas Folegot*

Future Meetings

- Fall 2008 Southeast
 - Probably Miami
 - Mid-November
 - Call for papers before Paris meeting
 - Need Provisional Special Sessions...
 - Distributed Acoustic Sensing Systems Schmidt
 - Adaptive Beamforming Cox
- Spring 2009
 - Portland Oregon
- Fall 2009
 - Washington DC
- 2013 ICA
 - Montreal proposed

ASAP Proposed

- PASA or ASAP (*Proceedings of the ASA*)
 - Possible to submit proceedings-type paper up to <<1 year after giving ASA conference presentation
 - No peer review
 - Submit AIP/PeerXpress
 - New UW “Associate Editor” would give thumbs up, thumbs down ONLY
 - Loose format, to be decided
 - \$0 Students, \$100 otherwise
 - Open access
 - 4 times a year
 - Electronic only
 - “Citable”
 - Subsequently publishable in JASA
 - First issue Jan 2, 2008
 - Vision 2010 “Use technology to advance our mission”

ASAP Proposed

- PROS

- In Favor 16

- CONS

- Potentially prior pub
- Needs submission date, protection

- Opposed 10

- 1 abstension

Questions from Technical Council

- Any acoustics success stories for AIP?
 - Send to bstein@aip.org
- Vision 2010
 - Suggestions to improve meetings desired by Bill Yost
- Intersociety Activities Committee volunteer?
 - Courtney Burroughs seeks an ASA UWTC member actively involved in other societies of interest
 - IEEE OES
 - IOA
 - EAA
 - AGU
 - Increase cooperation between ASA and other societies
 - Joint Meetings
 - Invited non-ASA speakers at ASA meetings
 - Identify existing/emerging research not covered well by other societies that ASA could become involved in
- Please nominate fellows (three letters, nominating and one other from fellows)