

New Orleans UW TC Meeting

- Thanks to New Orleans Meeting Chair
 - Fred DeMetz
- Thanks to New Orleans UW TPOM reps *Guy Norton, William Sanders, and Richard Keiffer (and TPCs George and Juliette Ioup)*
- Thanks to New Orleans UW Special Session Organizers
 - AO (UW) Deep and Shallow Seismic Sensing of Geological Structure in the Ocean Bottom *Altan Turgut and Warren Wood*
 - UW (AO and SP) Design of Distributed Surveillance and Oceanographic Monitoring Systems *Art Baggeroer and Juan Arvelo*
 - UW Underwater Reverberation Measurements and Modeling *John Perkins and Eric Thorsos*

Salt Lake City Student Paper Awards

- 1st Philip Gillett *VT*
 - Advantages of using diffracting cylinders and spheres in acoustic arrays
- 2nd Claire Debever *S/O*
 - Coherent-broadband, white noise constraint, matched-field processing
- Many thanks to Juan Arvelo
 - Student paper award coordinator

Pacific Rim Underwater Acoustics Conference 3-5 October 2007

- Organizers Peter Dahl and Ross Chapman
- 70 researchers from US, Canada, Japan, China, Australia etc
- Proceedings online at pruac.apl.washington.edu
- 2nd PRUAC tentative Oct 2009 China concurrent with WESPAC X

ISURC 2008

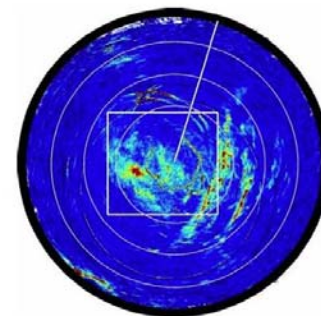
- Deadline 31 Jan 2008 for abstracts
- See website <http://isurc2008.org> for updates and details

Second announcement



INTERNATIONAL SYMPOSIUM ON UNDERWATER REVERBERATION AND CLUTTER

Villa Marigola, Lerici, Italy
September 8 - 12, 2008



SYMPOSIUM CHAIRMEN

Dr. Peter L. Nielsen
Dr. Chris Harrison
Dr. Jean-Claude Le Gac
NATO Undersea Research Centre

SYMPOSIUM CONTACT

International Symposium on
Reverberation and Clutter
NATO Undersea Research Centre
(c/o Peter L. Nielsen)
Viale S. Bartolomeo 400
19126 La Spezia, Italy

Phone: +39 0187 527280
Fax: +39 0187 527330
E-mail: Nielsen@nurc.nato.int

Website:

<http://isurc2008.org>

Topics

- Reverberation modelling and measurements
- Clutter modelling, simulation and measurements
- Inversion of reverberation and clutter data
- Signal processing to reduce reverberation and clutter
- Target detection and tracking in clutter
- Multistatics and data fusion in the presence of clutter
- Sonar performance prediction in the presence of clutter

Extended abstracts (1 - 2 pages) are invited on the above topics. Final papers will be published in book form with accompanying CD for collection at the meeting. Check website for details.

Important dates:

Abstract submission: 31 January 2008
Notification of acceptance: 31 March 2008
Papers due: 1 June 2008



WaterSide Security

1st International Conference and Exhibition
25th - 28th August

Venue: TU Denmark

Chairman: Prof. Leif Bjørnø, UltraTech Holding

Conference website: <http://www.wss2008.org/>

Sponsors:



TERMA[®]

OES Japan Chapter

Topics:

- Underwater Systems in WSS
- Above water systems in WSS
- Interdisciplinary aspects of WSS

Structured Sessions:

Acoustic signatures of objects on or below the seafloor and in the water column.

Organizers: Dr. Finn Jensen & Dr. Mario Zampolli
Jensen@nurc.nato.int ; Zampolli@nurc.nato.int

Underwater Harbour Security

Organizer: Dr. Tuncay Akal
tuncay.akal@yahoo.com.tr

Risk Assessment, Mitigation and Treatment in Waterside Security.

Organizer: Dr. George Baker
bakergh@cisat.jmu.edu

Harbor Environments: Physical Characteristics, Mapping and Modeling

Organizer: David L. Bradley
dlb25@psu.edu

Security Providers: characterizing the user, civilian and military, of waterside security systems

Organizer: Ronald T. Kessel
Kessel@nurc.nato.int

Automatic Identification Systems in Waterside Security

Organizer: Mette D. Lilkær
mdl@gatehouse.dk

Mapping and Imaging Systems in WSS

Organizer: Professor Andrzej Stepnowski
astep@pg.gda.pl

Abstract Deadline: March 1st, 2008.

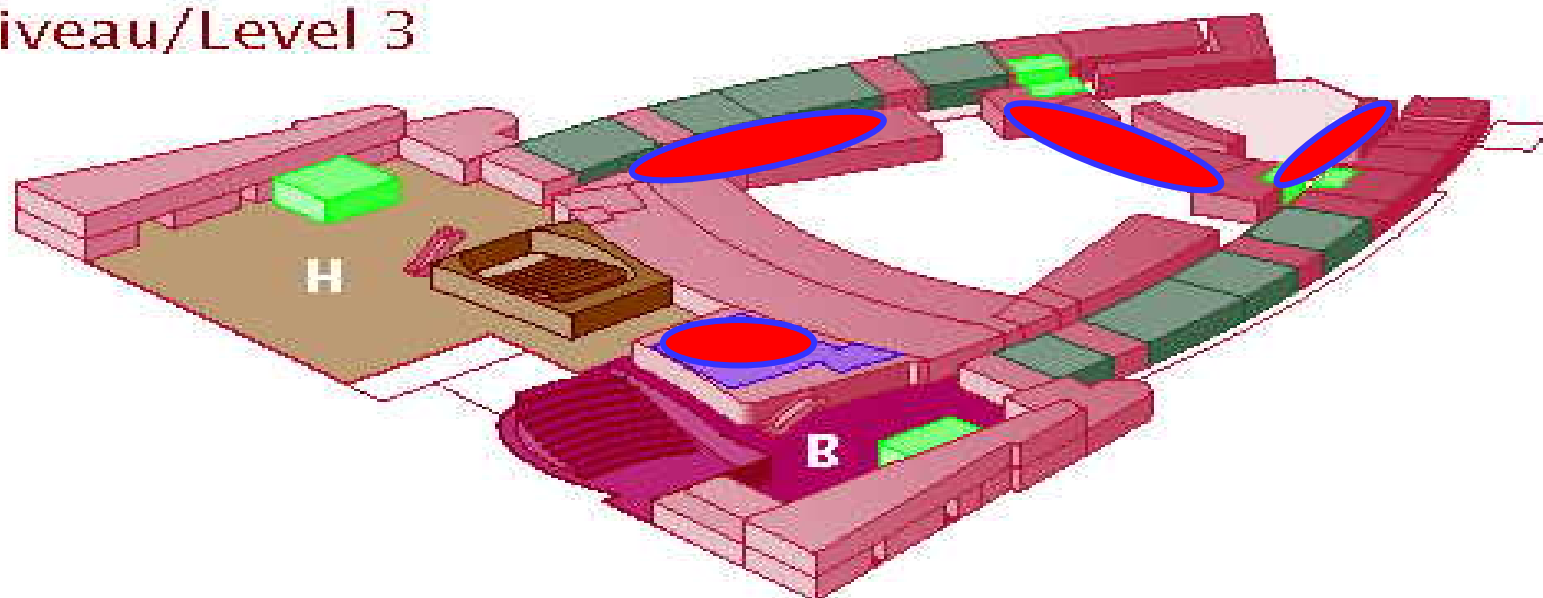
Paris 29 Jun-4 July 2008

- 155th ASA + 5th Forum Acustica + 9th Congres Francais d'Acoustique + 2nd ASA-EEA + 7th Euronoise + 9th ECUA + 60th Anniversaire SFA
- Deadline Jan 10th 2008
- Accepted Jan 21st 2008
- TPOM Feb 14-15th 2008
- Integrated with 8th ECUA
 - Possibility of 6-8 page paper DUE 30th April, 2008
 - Two papers per registration (450 €)
 - additional papers at a premium
 - 23 UW Structured Sessions
- Limited block of rooms in on-site conference hotel 200€/night
- www.acoustics08-paris.org

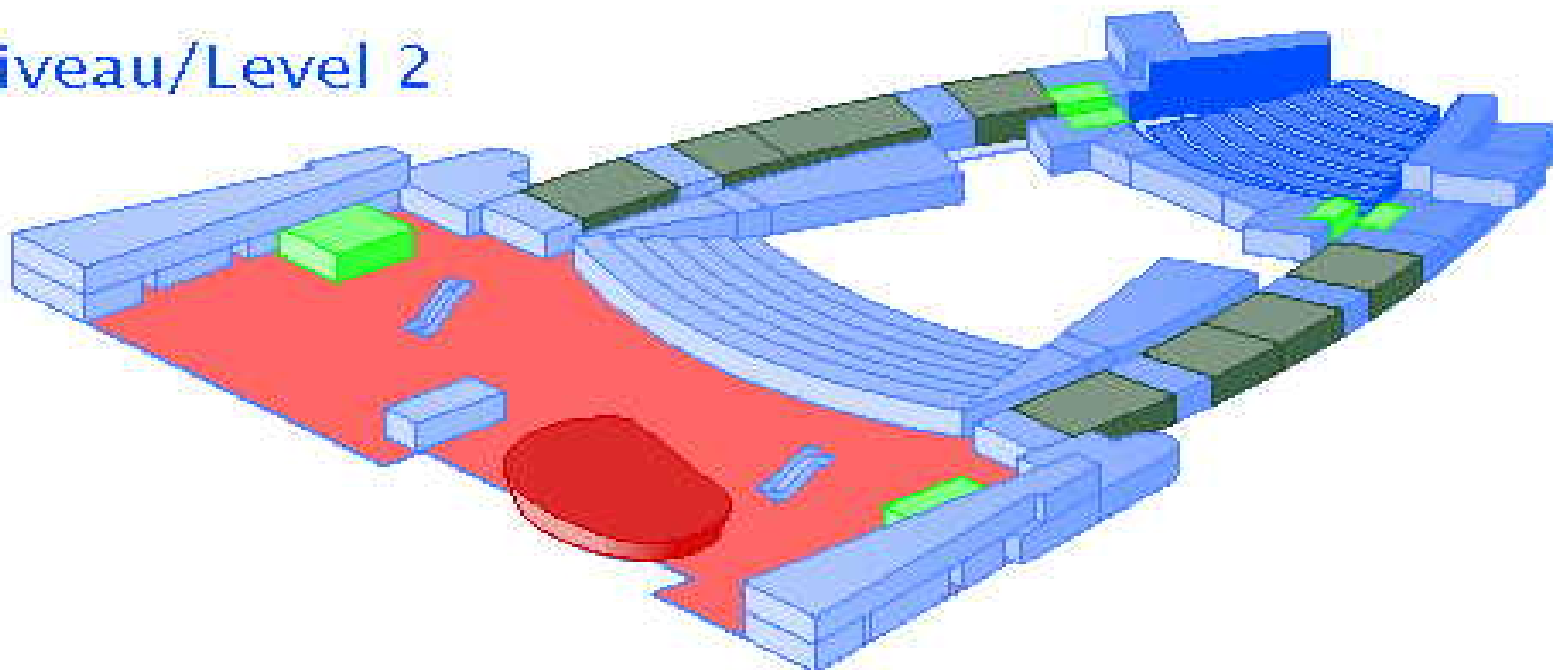
Paris 29 Jun-4 July 2008

- 20 minute talks (both invited and contributed)
- 1 CD ECUA, 1 CD EuroNoise
 - participation determined by PACS
 - B/W ECUA Proceedings available for 15€
- Each Co-chair is responsible for organizing their own structured sessions by using a web based application
- Travel grants and dormitory accommodations available for students: see site
- Between 1134 and 1701 papers possibly accommodated

Niveau/Level 3



Niveau/Level 2



SUBMISSION PROCEDURE

- Every session is associated to responsible persons RPs (email addresses):
 - SS: structured sessions organizers
 - RS (00): members of TPOC: Technical Program Organizing Committee
 - Upon submission, the authors select the session of interest and indicate when invited, who invited him + **main PACS**, 2nd PACS (3rd PACS)+ Keywords
- 1 week later, the abstract is sent to the RPs for acceptance
- Every RP has access to his/her corresponding session abstracts

Paris Special Sessions

- UW
 - Impact of environmental variability on mid-frequency sonar performance UW/AO *Tang, Hines, Nielsen*
 - Impact of internal waves on shallow water propagation UW/AO *Lynch, Folegot*
 - Geoacoustic Sediment modeling *Chotiros, Sessarego*
 - Seabed and sea surface interaction measurements UW/AO *Dahl, Ainslie*
 - Sound propagation in 3-dimensional environments *Calvo, Taroudakis*
 - Acoustic vector fields and sensor processing UW/SP *Smith, Hermand*
 - Broadband underwater communications UW/SP *Song, Jesus*

Paris Special Sessions Cont.

- UW
 - Acoustic data fusion *Maillard, Zerr*
 - High frequency variability *Isakson, Folegot*
 - Sonar system and transducer calibration methodology *Ken Foote, Stephen Robinson*
 - Fifty years of progress in sonar acoustic research: The role of NURC/SACLANTCEN *Schmidt, Jensen*
 - Scattering from objects near boundaries *Thorsos, Zampolli*
 - Noise suppression, robust direction of arrival, and target strength estimation *Owsley, Bienvenu*
 - Determination of acoustic properties of materials for sonar applications *Foote, Robinson*
 - Tank experiments *Soukup, Sessarego*

Paris Special Sessions Cont.

- UW
 - Low-frequency and high-frequency synthetic aperture sonar *Peter Gough and Roy Hansen*
 - Numerical methods in underwater scattering *Andrew Seybert, Martin Ochmann, Bodo Nolte*
 - Sensor Coalition *Schmidt, Jespers*
 - High frequency scattering *Lyons, Blondel, Pace*
 - Synthetic aperture sonar and radar convergences *James Candy, Hugh Griffiths, Rene Garello*
 - Automatic target recognition, sensors and algorithms *Gerald Dobeck, Marc Pinto, Yvan Petillot*
 - Nonlinear acoustic methods in searching for buried objects *Benjamin Dzikowicz, Eugeniusz Kozaczka*
 - Auralization of sonar signals *Paul Hines, Paul White*

Miami 10-14 Nov 2008

- Harry DiFerrari General Chair
- Eric Thorsos Technical Program Chair
- Marriott Doral
 - 60 pp lodges
 - 460 acres
 - Lots of Golf
- Call for papers before Paris meeting
- Need to finalize Special Sessions
 - Distributed Acoustic Sensing Systems *Schmidt*
 - Environmentally Robust Array Processing *Debever, Kuperman*

Future Meetings

- Spring 2009 May 18-22
 - Portland Oregon *Lisa Zurk*
 - Hilton
- Tentative Special Sessions
 - Active invariant signal processing *Turgut, Krolik*
 - Target scattering *Zampolli, Sabra*
- Fall 2009
 - Southwest, possibly San Antonio
- Spring 2010
 - Washington DC *David Fromm*
- Fall 2010
 - Cancun
- Spring 2013 ICA/ASA/CAA
 - Montreal

News from Editor in Chief

- Proceedings of Meetings on Acoustics POMA (ex ASAP) Now Online
 - Accepting extended abstracts from the Salt Lake and New Orleans (starting next week) meetings
 - First paper accepted
 - UW Associate Editor of POMA *Juan Arvelo* 2007-2010
 - \$100 submission, open access
 - Flexible format
 - Future refinement into full JASA article allowed and encouraged
 - asa.aip.org/poma.html
 - poma.peerx-press.org
 - Submit! (hope: POMA will become the world's most timely source of new developments in acoustics)

NSF Proposal

- Possible ASA proposal to NSF for a Pan-American Advanced Studies Institutes Program (PASI)
 - "Approximately 6 to 8 awards will be made yearly to U.S. research institutions or professional societies for the purpose of organizing a PASI. The cost for any one Institute with a reasonable number of 40 to 60 participants, including lecturers and students, is expected to range from \$65,000 to \$90,000, and may not exceed \$100,000, aside from contributions from other sources."
 - "The Institute will be aimed at the post-doctoral level, but may include advanced graduate students, and relevant senior scientists and engineers."
- Cancun meeting would be a great candidate site
- Need ideas for subjects (fisheries acoustics?) and for speakers from both North and especially Latin America
- January 15 due date
- Anyone willing to help speak to Allan Pierce

Questions from Technical Council

- Would you be interested in buying a DVD of ASA 1929-2007 including "front matter", obits etc, for \$100-15
- Should Acoustics Today be put online?
 - If so should it be open access? Yes
 - How soon after publication should it be put online? Yes
 - Should the number of issues be increased from 4 to 6 per year? No

Question from Technical Council

- What areas should the society consider in order to grow?
 - Improving relations with industry
 - Discussions
 - Industry funding of students
 - Symposium on outstanding industry problems
 - People from industry prefer conferences with proceedings
 - Invite talks on industry products
 - Symposium on outstanding navy problems
 - Entertainment and movie industries w/audio eng. Soc.

Question from Technical Council

- What areas should the society consider in order to grow?
 - Insufficient numbers of acoustic references/books
 - Bring Infrasound back into the fold (atmospheric acoustics currently JGR) EA has two sessions on infrasound
 - Industry won't come because they must break even (like they do at MTS)
 - Job fair?
 - Are we really reaching out to the local school and college students? Should the hot topic be an open meeting that advertises acoustics?
 - Catalog of acoustical sounds
 - Wiki commons exists for sounds
 - Cornell has a catalog of bird calls on line
 - www.dosits.org has many underwater sounds on their site

Consider Nominating your UW Colleagues to ASA Fellowship

- Three letters for recommendation, two from fellows, and hopefully from different institutions should accompany the candidates dossier
- The Bylaws state that any Member or Associate who has
 - rendered conspicuous service
 - made notable contributions to the advancement or diffusion of the knowledge of acoustics
 - or fostered the practical applications of acousticsshall be eligible for election to Fellowship

Feedback from the UWTC to the Society Leadership Sought

- Please take a moment to fill out the survey, remembering to indicate somewhere on the form your UWTC affiliation
- List specific comments and concerns
- Congrats new student council rep Megan Ballard