

Please send this report to the Secretary-General of EUROMECH, within one month after the Colloquium.

387

EUROMECH Colloquium No: 387

Title: Surface Slicks and Remote Sensing of Air-Sea Interactions

Dates and location: 7-9/4/98 - Coventry

Chairman: Neale Thomas

Co-Chairman: John Scott

probably linked to scope of ERCOFTAC NOW SIG.

Is there need of another Colloquium on the same or a related subject? Which year? 2000?

Full registration fee: £240 - then £280 on charge of venue

What other funding was obtained? US-ONR/EUR \$6000

What were the participants offered? UK-DERA £4000

Full-board + pool + fitness facilities + golf course

Self-contained conference room // Attachment - handout

Number of members of EUROMECH (reduced registration fee): 1 + 2 applicants

Number of non-members of EUROMECH (full registration fee): 31

Number of participants from each country:

Austria	_____	Germany	<u>3</u>	Romania	_____
Belgium	<u>1</u>	Great Britain	<u>13</u>	Russia	<u>3</u>
Byelorussia	_____	Greece	_____	Slovakia	_____
Bosnia	_____	Hungary	_____	Slovenia	_____
Bulgaria	_____	Ireland	_____	Spain	_____
Croatia	_____	Italy	<u>1</u>	Sweden	_____
Czech Republic	_____	Latvia	_____	Switzerland	_____
Denmark	_____	Lithuania	_____	Ukraine	_____
Estonia	_____	Netherlands	<u>1</u>	Yugoslavia	_____
Finland	_____	Norway	<u>3</u>	Others (US)	<u>6</u>
France	<u>1</u>	Poland	<u>1</u>	Total	<u>34</u>
Georgia	_____	Portugal	<u>1</u>		

EUROMECH 387 - Closure Report - Surface slicks and remote sensing of air-sea interactions

The scoping summary circulated 10-11/97 for expressed interest appears on the attached copy cover page of delegates' handouts which included also contact details for all participants and full set abstracts. All core topics as advocated were covered in the programme which was delivered under main heads also appearing on this sheet. Euromech 387 succeeded in its primary purpose of attracting representatives from many disparate communities with activities in this melting pot arena where physical oceanography demands insight into surfactant chemistry at almost ultimate microscales so as to achieve the understanding of film damped waves that is needed for diagnostic interpretation of remotely sensed complex seascapes. Sessions were sequenced to secure the best practicable logical coverage in moving from historical perspective and practical context through methodologies to mechanisms and modelling, concluding with panel-led discussion to provide reflective pull-together and planning pointers for future activities and prospective partnerships.

In planning the meeting we took account of Council's advice to consult Steve Thorpe on participation by the oceanographic community and were grateful for his guidance on which we acted of course, including fixing dates to avoid clashes with major competing events - though we lost a few prospective participants mainly from Stateside in competition with US conferences. Initially venued for Warwick University we were confronted with an enforced change just six weeks from lift-off but fortunately secured an alternative venue just a few miles away on the outskirts of Coventry and close enough for delegates with booked flights not to incur the expense of switching their arrangements. With the benefit of sponsorship from US-ONR/EUR and UK-DERA we also avoided levying surcharges on preregistered delegates despite substantially increased cost of moving from campus to commercial venue. Feedback during the colloquium and subsequently suggests the event was very well-received, not least for opportunities to engage in small group evening discussions in the Windmill's Cellar Bar in competition with the background disco and karaoke entertainments. More energetic souls availed themselves of the fitness facilities and the indoor pool - but not I think the on-site golfcourse which rapidly disappeared under well-publicised floodwaters which also dictated some extraordinarily tortuous escape routes for departing delegates.

Of the 34 participants (all as named authors), 28 presented 33 papers and a 29th led the wrap-up panel session. All papers were approved on the basis of abstracts solicited in the calls for registration and were distributed to delegates on arrival. Many of the talks reported work in progress, triggering animated exchanges in the rigorously enforced 5 minute discussion period immediately following each talk - aspects of which as much as the talks provided a platform for end-of-day overviews. Posters were invited but none were forthcoming nor was there any parallel sessioning other than informally by small groups during refreshment and relaxation periods. John Scott as co-convenor chaired all paper sessions and Ian Robinson led the wrap-up discussion. No language barriers were encountered - at least not because of delegate internationalities though this particular participant at least struggled to follow some of the more exotic details of specialist instrumentation and organic chemistry. Some of the younger researchers said they were pretty exhausted at day-end but found the experience exhilarating. The possibility of proceedings is being explored in view of expressed interest by ONR and DERA in having permanent record as deliverable in return for their support. Meanwhile the co-Chairman will be preparing a overview scientific article for consideration by one or more of the sector journals.

Neale Thomas

30/4/98 Neale Thomas reporting as Euromech 387 corresponding Chairman
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PS The convenors express their gratitude to Euromech Council for adopting their proposal as colloquium under Euromech auspices. Financial assistance from ONR-EUR and DERA was also crucial for its materialisation. Financial statement, delegate listing and balance fees 4100 FF payable on the 34 participants were mailed 17/4 to Pr Hopfinger as Euromech Treasurer. The three recipients of young researcher Euromech grants appear below:

- <> Mohamed ATMANE, IMFT ENSEEIHT INPT URA 005 CNRS, 31400 TOULOUSE, France
- <> Christine Gommenginger, Southampton Oceanography Centre, Southampton, SO14 3ZH, England
- <> Elizabeth VanWagenen, Rensselaer Polytechnic Inst, Troy, NY 12180, USA

Euromech membership was promoted in communications before and after the colloquium as well as during it but disappointingly only 2 delegates were persuaded to apply - obviously the present financial incentive isn't enough! As requested, accompanying this report is a copy of the colloquium documentation as distributed to delegates.

FAO: Euromech Secretary General, Assoc Pr M Okrouhlik, Inst Thermomechanics, Dolejskova, Prague 8
CC ONR-EUR - LCDR John E Joseph, USN will this do as a report for ONR? ... pending proceedings.
DERA-Sonar - Dr John C Scott, Winfrith actions placed on us not too onerous I hope!