



Workshop
Underwater Robotics for Ocean Modelling and Monitoring

I3S - Sophia Antipolis
17-18 December 2001



Presentations 17th December

•G. Pichot – Coordinator - Mumm – Belgium

'The sumare project' [clie](#)

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'Added value brought by AUV's in the surveillance of exploited marine sand banks' [clie](#)

•J. Rendas - I3S – France,

• *'Adapting ocean surveys to the observed fields characteristics'* [clie](#)

•Thomson Marconi Sonar - France

• *'Mission management system for multi-mission configuration'* [clie](#)

•Verena Trenkel – Ifremer Nantes - France

'Underwater video for observing the ecosystem: results and future developments' [clie](#)

•M. Thomson – ICIT – HWU – Scotland

'Classification of maerl beds using video images' [clie](#)

•S. Rolfes – I3S - France

'Autonomous mapping of natural fields using Random Closed Set Models' [clie](#)

•J.H. Hansen – Mac Artny Underwater Technology Group – Denmark

'Triaxus, a 3 Dimensional Underwater Undulating Towed Vehicle' [clie](#)

•A Caiti –ISME & DSEA-University of Pisa –Italy

'Acoustical imaging of buried seafloor waste: challenges for autonomous underwater vehicles' [clie](#)

•Yves Chardard - Cybernetix - France

'The Swimmer Hybrid vehicle: results of the sea trials' [clie](#)

•Benoit Zerr – GESMA Brest - France

'Navigation of underwater platforms using landmarks' [clie](#)

Presentations 18th December

J.P. Folcher – I3S - France

'LMI methods Oceanic Control System' [clie](#)

V. Rigaud – Ifremer - France

'Underwater Technologies for Integrated Monitoring of coastal areas: reflexions and perspectives'

M. Chedid – I3S - France

'Adaptive grids for bathymetry mapping and navigation' [clie](#)

H. Thomas - ACSA - France

'Use of GPS for localization and guidance of underwater vehicle' [clie](#)

E. Bovio – Saclant Centre Nato - Italy

'GOATS'00: Underwater vehicle networks for oceanographic measurements in littoral ocean' [clie](#)