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WORKSHOP PROGRAM

Tuesday, October 9

Special Session on Measurements in riverine, estuarine and coastal areas - PART I

Room: Università di Bari, Palazzo Ateneo, Salone degli Affreschi

Chairs: Michele Mossa, Polytechnic University of Bari, DICATECh, Italy

Lorenzo Cappietti, University of Florence, Italy

1 Remote sensing and coastal morphodynamic modelling

Mario Benincasa, Università Roma Tre, Italy

Federico Falcini, ISAC-CNR, Italy

Claudia Adduce, Università Roma Tre, Italy

Rosalia Santoleri, ISAC-CNR, Italy

Gianmaria Sannino, ENEA, Italy

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Guido Benassai, University of Naples "Parthenope", Italy

Diana Di Luccio, University of Naples "Parthenope", Italy

Luigi Micerino, University of Genova, Italy

Gianluigi Di Paola, University of Molise, Italy

Carmen Maria Rosskopf, University of Molise, Italy

Giovanni Pugliano, University of Naples "Parthenope", Italy

Umberto Robustelli, University of Naples "Parthenope", Italy

Raffaele Montella, University of Naples "Parthenope", Italy

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Maria F. Bruno, Technical University of Bari, Italy

Matteo G. Molfetta, Technical University of Bari, Italy

Michele Mossa, Technical University of Bari, Italy

Luigi Pratola, Technical University of Bari, Italy

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Alberto Morea, Geophysical Applications Processing srl, Italy

Davide O. Nitti, Geophysical Applications Processing srl, Italy

Maria T. Chiaradì, Technical University of Bari, Italy

18 Wave characteristics estimation by GPS receivers installed on a sailboat travelling off-shore

Paolo De Girolamo, Sapienza University of Rome, Italy

Mattia Crespi, Sapienza University of Rome, Italy

Alessandro Romano, Sapienza University of Rome, Italy

Augusto Mazzoni, Sapienza University of Rome, Italy

Marcello Di Risio, University of L'Aquila, Italy

Davide Pasquali, University of L'Aquila, Italy

Giorgio Bellotti, Roma Tre University, Italy

Myrta Castellino, Sapienza University of Rome, Italy

Paolo Sammarco, University of Rome Tor Vergata, Italy

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Alex Ziembra, Dept. of IRP - Deltares, The Netherlands
Alessandra Saponieri, Politecnico di Bari, Italy
Victor D. Navarro-Sanchez, Starlab Barcelone SL, Spain
Leonardo Damiani, Politecnico di Bari, Italy
Ghada El Serafy, Dept. of IRP - Deltares, The Netherlands*

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Chairs: Enrico Primo Tomasini, Università Politecnica delle Marche, Italy

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Gerardo Pappone, Parthenope University of Naples, Italy
Francesco Peluso, Parthenope University of Naples, Italy
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Special Session on Measurements in riverine, estuarine and coastal areas - PART II

Room: Università di Bari, Palazzo Ateneo, Salone degli Affreschi
Chairs: Michele Mossa, Polytechnic University of Bari, DICATECh, Italy
Lorenzo Cappiетti, University of Florence, Italy

50 Modelling of short-term dispersion in the sea surface layer

*Agnese Pini, University of Rome "La Sapienza", Italy
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Paolo Monti, University of Rome "La Sapienza", Italy
Matteo Manfredi, University of Rome "La Sapienza", Italy*

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Irene Simonetti, University of Florence, Italy*

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*Stefania Espa, Sapienza University of Rome, Italy
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Matteo Postacchini, Università Politecnica delle Marche, Italy

Gianluca Zitti, Università Politecnica delle Marche, Italy

Maurizio Brocchini, Università Politecnica delle Marche, Italy

Special Session on Metrological Traceability of Oceanic Parameters

Room: Università di Bari, Palazzo Ateneo, Sala delle Aquile

Chairs: *Francesca Rolle, Istituto Nazionale di Ricerca Metrologica (INRIM), Italy*

P. Alberto Giuliano Albo, Istituto Nazionale di Ricerca Metrologica (INRIM), Italy

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Andrea Bordone, S. Teresa Research Centre, ENEA, Italy

Tiziana Ciuffardi, S. Teresa Research Centre, ENEA, Italy

Antonio Schirone, S. Teresa Research Centre, ENEA, Italy

Francesca Pennecchi, INRIM, Italy

Roberto Bozzano, IAS-CNR, Italy

Sara Pensieri, IAS-CNR, Italy

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Paola Fisicaro, Laboratoire National de Métrologie et d'Essais, France

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Michela Segà, Istituto Nazionale di Ricerca Metrologica, Italy

Steffen Seitz, Physikalisch-Technische Bundesanstalt, Germany

Emma Woolliams, National Physical Laboratory, UK

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Raffaella Romeo, Istituto Nazionale di Ricerca Metrologica, Italy

Simona Lago, Istituto Nazionale di Ricerca Metrologica, Italy

Paolo Alberto Giuliano Albo, Istituto Nazionale di Ricerca Metrologica, Italy

Marc Le Menn, French Hydrographic and Oceanographic Service, France

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Francesca Rolle, Istituto Nazionale di Ricerca Metrologica, Italy

Michela Segà, Istituto Nazionale di Ricerca Metrologica, Italy

Special Session on Measurements in riverine, estuarine and coastal areas - PART III

Room: Università di Bari, Palazzo Ateneo, Salone degli Affreschi

Chairs: *Michele Mossa, Polytechnic University of Bari, DICATECh, Italy*

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*Elvira Armenio, Polytechnic University of Bari, Italy
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Francesca De Serio, Polytechnic University of Bari, Italy
Michele Mossa, Polytechnic University of Bari, Italy*

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*Roberto Di Chio, University of Messina, Italy
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Giovanni Neri, University of Messina, Italy
Nicola Donato, University of Messina, Italy*

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*Agnese Pini, University of Rome "La Sapienza", Italy
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Marco Matiddi, CN-LAB ISPRA, Italy
G. Andrea de Lucia, IAMC-CNR, Italy
Andrea Camedda, IAMC-CNR, Italy
Giorgio Zampetti, Legambiente, Italy
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Paolo Monti, University of Rome "La Sapienza", Italy*

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Francesco Todaro, Polytechnic University of Bari, Italy
Claudia Vitone, Polytechnic University of Bari, Italy
Francesco Adamo, Polytechnic University of Bari, Italy
Gregorio Andria, Polytechnic University of Bari, Italy
Attilio Di Nisio, Polytechnic University of Bari, Italy
Anna Maria Lucia Lanzolla, Polytechnic University of Bari, Italy
Maurizio Spadavecchia, Polytechnic University of Bari, Italy*

Special Session on Innovative solutions for marine mammals and sea-turtles monitoring - PART I

Room: Università di Bari, Palazzo Ateneo, Sala delle Aquile

Chairs: Roberto Carlucci, University of Bari "Aldo Moro", Italy
Rosalia Maglietta, CNR-ISSIA, Italy
Marta Azzolin, University of Turin, Italy/Gaia Research Institute Onlus

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Giovanni Dimauro, University of Bari, Italy
Gabriele Labate, University of Bari, Italy
Ettore Stella, National Research Council, Italy
Carmelo Fanizza, Jonian Dolphin Conservation, Italy
Francesca Capezzuto, University of Bari, Italy
Giulia Cipriano, University of Bari, Italy
Roberto Carlucci, University of Bari, Italy
Rosalia Maglietta, National Research Council, Italy*

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Lucy Abbiss, Marine Mammals Research, Turkey
Aylin Akkaya Bas, Marine Mammals Research, Turkey
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Sebastien Saintignan, Gaia Research Institute Onlus, Italy
Laura Pintore, Gaia Research Institute Onlus, Italy
Olivier Friard, University of Turin, Italy
Marco Gamba, University of Turin, Italy
Cristina Giacoma, University of Turin, Italy
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Arianna Zampollo, Gaia Research Institute Onlus, Italy
Marta Azzolin, Gaia Research Institute Onlus, Italy
Antonella Arcangeli, ISPRA Department for Nature Conservation, Italy
Joana Buoninsegni, Accademia del Leviatano, Italy
Miriam Paraboschi, Accademia del Leviatano, Italy
Roberto Crosti, ISPRA BIO-SOST Department, Italy
Chiara Mancino, Gaia Research Institute Onlus, Italy
Cristina Giacoma, University of Turin, Italy
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Sebastien Saintignan, Gaia Research Institute Onlus, Italy
Arianna Zampollo, Gaia Research Institute Onlus, Italy
Roberto Carlucci, University of Bari, Italy
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Arianna Vetrugno, Accademia del Leviatano, Italy
Martina Ramazio, UNIVPM - DiSVA, Italy
Cristina Giacoma, University of Turin, Italy

Wednesday, October 10

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Room: Università di Bari, Palazzo Ateneo, Salone degli Affreschi

Chairs: Aimè Lay-Ekuakille, University of Salento, Italy

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Maurizio Demarte, Italian Hydrographic Institute, Italy
Roberto Nardini, Italian Hydrographic Institute, Italy
Mauro Marro, Italian Hydrographic Institute, Italy
Cosmo Peluso, Italian Navy, Italy
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Bolesław Dudojć, Gdynia Maritime University, Poland

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Room: Università di Bari, Palazzo Ateneo, Sala delle Aquile

Chairs: Maria Rosaria Senatore, University of Sannio, Italy

Donatella D. Insinga, IAMC-CNR, Italy

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Ferdinando Nunziata, University of Naples "Parthenope", Italy

Andrea Buono, University of Naples "Parthenope", Italy

Maurizio Migliaccio, University of Naples "Parthenope", Italy

Guido Benassai, University of Naples "Parthenope", Italy

Diana Di Luccio, University of Naples "Parthenope", Italy

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Image Analysis supported by multibeam bathymetry and ground-truth data

Sara Innangi, IAMC-CNR, Italy

Renato Tonielli, IAMC-CNR, Italy

Claudia Romagnoli, Università di Bologna, Italy

Gabriella Di Martino, IAMC-CNR, Italy

Michele Innangi, Università degli Studi della Campania "Luigi Vanvitelli", Italy

Special Session on Innovative solutions for marine mammals and sea-turtles monitoring - PART II

Room: Università di Bari, Palazzo Ateneo, Salone degli Affreschi

Chairs: Roberto Carlucci, University of Bari "Aldo Moro", Italy

Rosalia Maglietta, CNR-ISSIA, Italy

Marta Azzolin, University of Turin, Italy/Gaia Research Institute Onlus

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Roberto Carlucci, University of Bari, Italy

Aylin Akkaya Bas, Istanbul University, Turkey

Rosalia Maglietta, National Research Council, Italy

Vito Renò, National Research Council, Italy

Carmelo Fanizza, Jonian Dolphin Conservation, Italy

Aldo Rizzo, Jonian Dolphin Conservation, Italy

Roberto Crugliano, Jonian Dolphin Conservation, Italy

Giulia Cipriano, University of Bari, Italy

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Annachiara Pisto, Oasi WWF Policoro Herakleia, Italy

Francesca Ardolino, Oasi WWF Policoro Herakleia, Italy

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Nicola Tragni, Italy

Erika Ottone, Italy

Francesca Catucci, Oasi WWF Policoro Herakleia, Italy

Vincenzo Aquaro, Italy

183 The promise of machine learning in the Risso's dolphin *Grampus griseus* photo-identification

Rosalia Maglietta, National Research Council, Italy

Andrea Bruno, University of Bari, Italy

Vito Renò, National Research Council, Italy

Giovanni Dimauro, University of Bari, Italy

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Stefano Bellomo, Jonian Dolphin Conservation, Italy

Giulia Cipriano, University of Bari, Italy

Angelo Tursi, University of Bari, Italy

Roberto Carlucci, University of Bari, Italy

- 188 Emission rate of acoustic signals for the common bottlenose and striped dolphins in the Gulf of Taranto (Northern Ionian sea, central-eastern Mediterranean sea)**

*Carmelo Fanizza, Jonian Dolphin Conservation, Italy
Maria Ceraulo, BioacousticsLab, IAMC-CNR, Italy
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Giulia Cipriano, University of Bari, Italy
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Giuseppa Buscaino, BioacousticsLab, IAMC-CNR, Italy
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Letizia Sion, University of Bari, Italy
Roberto Carlucci, University of Bari, Italy
Vito Renò, National Research Council, Italy
Elena Papale, BioacousticsLab, IAMC-CNR, Italy*

- 193 A model of environmental suitability for the conservation of the loggerhead turtle Caretta caretta in the Southern Adriatic and Northern Ionian Sea (Central Mediterranean Sea)**

*Manuel Marra, University of Bari Aldo Moro, Italy
Cataldo Pierri, University of Bari Aldo Moro, Italy
Paolo Colangelo, Institute of Agro-environmental and Forest Biology, CNR, Italy
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Giuseppe Corriero, University of Bari Aldo Moro, Italy
Giovanni Scillitani, University of Bari Aldo Moro, Italy*

General Session - PART II

Room: Università di Bari, Palazzo Ateneo, Sala delle Aquile

Chairs: Anna Lanzolla, Polytechnic University of Bari, Italy

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*Anastasia Eleftheriou, Center for Technology Research & Innovation, Cyprus
Petros Karvelis, Computer Technology Institute & Press "Diophantus", Greece
Kostas Kouvaris, Center for Technology Research & Innovation, Cyprus
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Agostino N. Meroni, University of Milano-Bicocca, Italy
Mariacristina Prampolini, Institute of Marine Sciences, CNR, Italy
Fabio Badalamenti, Institute for Coastal and Marine Environment, CNR, Italy
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Valentina Grande, Institute of Marine Sciences, CNR, Italy
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Marco Taviani, Institute of Marine Sciences, CNR, Italy
Cesare Corselli, University of Milano-Bicocca, Italy
Alessandra Savini, University of Milano-Bicocca, Italy
Valentina Bracchi, University of Milano-Bicocca, Italy
Ingrid Myrnes Hansen, ECOTONE AS, Norway
Alessandra Mercorella, Institute of Marine Sciences, CNR, Italy
Agostina Vertino, University of Milano-Bicocca, Italy
Ivar Erdal, ECOTONE AS, Norway*

- 206 AMERIGO and CBA: a new lander and a new automatic benthic chamber for dissolved benthic flux measurements**

*Federico Spagnoli, Institute of Marine Sciences, CNR, Italy
Giordano Giuliani, Institute of Marine Sciences, CNR, Italy
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Luca Masini, Institute for Microelectronics and Microsystems, CNR, Italy
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Angelo Tursi, University of Bari Aldo Moro, Italy
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Special Session on Geomatic for Navigation

Room: Università di Bari, Palazzo Ateneo, Salone degli Affreschi

Chairs: Salvatore Gaglione, Parthenope University of Naples, Italy

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*Umberto Robustelli, Parthenope University of Naples, Italy
Guido Benassai, Parthenope University of Naples, Italy
Giovanni Pugliano, Parthenope University of Naples, Italy*

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Antonio Scamardella, Parthenope University of Naples, Italy*

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*Silvio Del Pizzo, iNAV S.a.s. – Geomatic Solutions, Italy
Aniello De Martino, Prisma S.r.l., Italy
Giancarlo De Viti, Monitoring System S.r.l., Italy
Rosa Linda Testa, iNAV S.a.s. – Geomatic Solutions, Italy
Giuseppe De Angelis, Prisma S.r.l., Italy*

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*Fabiana Di Ciaccio, Parthenope University, Italy
Paolo Menegazzo, Strategic Planning Port Authority, Italy
Salvatore Troisi, Parthenope University, Italy*

General Session - PART III

Room: Università di Bari, Palazzo Ateneo, Sala delle Aquile

Chairs: Gregorio Andria, Polytechnic University of Bari, Italy

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*Magdalena Korsachka, NIMH-BAS, Bulgaria
Jordan Marinski, NIMH-BAS, Bulgaria
Veronika Andrea, Technological Educational Institute of Epirus, Greece
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*Dario Laneve, Polytechnic University of Bari, Italy
Daniele Farnesi, Institute of Applied Physics, CNR, Italy
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*Marco Torresi, Polytechnic University of Bari, Italy
Sergio Mario Camporeale, Polytechnic University of Bari, Italy*

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*Enrico Petritoli, Università degli Studi "Roma Tre", Italy
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POSTER SESSION

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*Nicola Giaquinto, Politecnico di Bari, Italy
Giuseppe Maria D'Aucelli, Politecnico di Bari, Italy
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Francesco Prudenzano, Politecnico di Bari, Italy
Filippo Attivissimo, Politecnico di Bari, Italy*

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*Agostino Meo, University of Sannio, Italy
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Gemma Ercilla, Departament de Geociències Marines, Institut de Ciències del Mar, Spain
Belen Alonso, Departament de Geociències Marines, Institut de Ciències del Mar, Spain
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