

SCIENTIFIC COMMITTEE

- **E.P. Tomasini** (President), Department of Industrial Engineering and Mathematical Sciences, Polytechnic University of Marche;
- **R. Camussi**, Department of Mechanical and Industrial Engineering, Roma Tre University;
- **F. Cozzi**, Energy Department, Politecnico di Milano;
- **M. De Cecco**, Department of Mechanical and Structural Engineering, University of Trento;
- **F. De Gregorio**, CIRA - Italian Aerospace Research Centre, Capua;
- **F. Di Felice**, I.N.S.E.A.N., Rome;
- **F. Docchio**, Department of Mechanical and Industrial Engineering, University of Brescia;
- **S. Giammartini**, ENEA, Rome;
- **G. Giuliani**, Department of Electrical, Computer and Biomedical Engineering, University of Pavia;
- **G. Querzoli**, Department of Environmental Civil Engineering and Architecture, University of Cagliari;
- **G.P. Romano**, Department of Mechanical and Aerospace Engineering, University of Rome "La Sapienza";
- **G. Valentino**, Istituto Motori, CNR;
- **E. Zappa**, Department of Mechanical Engineering, Politecnico di Milano;
- **P. Zunino**, Department of Mechanical, Energy, Management and Transportation Engineering, Univ. of Genova.

ORGANISING COMMITTEE

Chair: Prof. Enrico Primo Tomasini, Università Politecnica delle Marche

ORGANISING SECRETARIAT

Janet L. Dubbini,
A.I.VE.LA., c/o D.I.I.S.M., Università Politecnica delle Marche, Ancona, e-mail: aivela@univpm.it



A.I.VE.LA.

is pleased to announce



16-17 DECEMBER 2021

Organised in collaboration with:
DIISM - Università
Politecnica delle Marche

and the support of

ONLINE EVENT



http://www.aivela.org/XXIX_Meeting/index.html

XXIX A.I.VE.LA. NATIONAL MEETING

The XXIX A.I.VE.LA. National Meeting is organised in collaboration with the Department of Industrial Engineering and Mathematical Sciences, Università Politecnica delle Marche, and will be held online on 16-17 December 2021.

TOPICS

The aim of the Meeting is to present the most recent studies and advanced results in the field of non-contact or minimally invasive measurements of mechanical, fluid dynamic, thermal, chemical, etc. quantities, with particular attention to optical techniques.

The following list is given as guidance:

- Laser Doppler Anemometry - LDA
- Phase Doppler Anemometry - PDA
- Particle Image Velocimetry - PIV
- Flow visualization techniques
- Spectroscopic measurement techniques (LIF, Raman, etc.)
- Laser Doppler Vibrometry - LDV
- Electronic Speckle Pattern Interferometry - ESPI
- Holographic techniques
- Shearography
- Digital Image Correlation - DIC
- Moiré techniques,
- Structured light techniques
- Infrared imaging
- Hyperspectral imaging
- Photoelasticity
- Image based measurement techniques
- Ultrasonic sensing
- Acoustic and Aeroacoustic measurements
- other non-contact or minimally invasive measurement techniques.

The Members Annual Assembly will take place on occasion of the Meeting.

LANGUAGE

The official language of the Meeting is English.

VIRTUAL EXHIBITION

A virtual exhibition is planned to enable participating organisations to bring their products directly to the attention of a selected audience. Exhibitors also have the opportunity to present their corporate image and products within a special dedicated session of the Meeting.

ABSTRACT SUBMISSION

Extended abstracts on the topics of the meeting must be sent to the Conference Secretariat together with the Registration Form not later than **25th November 2021**.

Abstracts should include:

1. Title of paper;
2. Full names of all Authors (the name of the Presenting Author must be underlined);
3. Affiliation;
4. Text (about 200 words plus supporting figures).

Abstracts must be sent by e-mail to aivela@univpm.it. Presenting Authors will be notified whether their submission has been successful by 1st December.

PROCEEDINGS

The proceeding of the Meeting will be published in electronic format after the event by IOP Publishing and indexed in the leading databases of scientific & engineering literature, including SCOPUS, ISI Web of Science, etc.

EARLY BIRD REGISTRATION FEES (UP TO 10TH DECEMBER)

- ◇ Regular: 150,00 €
- ◇ Student: 100,00 €
- ◇ Company: 150,00 €
- ◇ Extra paper: 70,00 €

Participation fees include the proceedings and membership to AIVELA for 2021- 2022.

INVITED LECTURES & TUTORIALS

Lectures and Tutorials will be delivered by leading personalities and instrumentation manufacturers in the fields of interest of the event.

XXIX A.I.VE.LA. NATIONAL MEETING

PRE-REGISTRATION FORM

Send to aivela@univpm.it

Title (Prof., Dr, Eng, etc.)	
Surname	
Name	
Institution	
Department	
Address	
Town	
e-mail	

CROSS ONE OR MORE ENTRIES:

- ◇ I would like to attend the online meeting
- ◇ I would like to participate as an Exhibitor in the Virtual Exhibition
- ◇ I would like to present a paper

Subject or title of the paper

Suggested session

INFORMATION AND CONSENT TO THE TREATMENT OF PERSONAL DATA - (art.13 Decree-law n°196/2003)

We wish to inform you that your personal data will be collected by us with the only purpose of carrying out our institutional activity and of supplying you the services you asked us for; sensitive data will not be collected; your data will be recorded according to the laws in force and will not be widespread. Your rights are the ones described in art.7 of Decree-Law n° 196/2003 and they can be exercised with an informal request addressed to A.I.VE.LA, Italian Association of LAsER VELOCIMETRY, Via Breccie Bianche n°1, 60131 Ancona

Date _____ Signature _____