

5th Joint International Symposium on Deformation Monitoring – JISDM 2022

Polytechnic City of Innovation, Valencia, Spain

6-8 April 2022



Methods
Sensors
Integration & Automation
Applications
Education and policies



UNIVERSITAT
POLITÈCNICA
DE VALÈNCIA



International Federation
of Surveyors



International Association
of Geodesy



International Society for
Photogrammetry and Remote Sensing

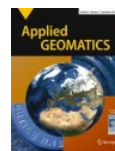
On behalf of the Organizing Committee, we are honoured to welcome you to the 5th Joint International Symposium on Deformation Monitoring (JISDM 2022), which is organized by the *Universitat Politècnica de València* (Spain) and endorsed by the three leading scientific and professional organizations in the field, the **FIG**, the **IAG** and the **ISPRS**.

The symposium aims to connect research in deformation monitoring, including all aspects from measurement, technical realization, analysis to interpretation with advanced practice. Bringing together leading experts from academia, industry and representatives from public authorities with promising young scientists, the symposium has been established as a reference point for scientific discussion and interaction.

PAPERS AND CONTRIBUTIONS (in English)

Two types of papers will be considered; peer-reviewed and not-peer-reviewed. A full paper submission (6 to 8 pages long) is necessary irrespectively of the paper type or presentation form (oral and poster). Abstracts of all accepted papers will be included in the conference book.

- **Peer-reviewed paper:** Scientific paper reporting innovative research undertakings, activities, or specialized / pioneer case studies of multi discipline character. Peer-review accepted papers will be included into the open access conference proceedings with DOI. For a selection of outstanding peer-reviewed scientific contributions, the authors will have the chance to get an extended version in **Applied Geomatics**, **Journal of Applied Geodesy** or **Virtual Archaeology Review (VAR)**. In this case, only the abstract along with a link to the journal would be included in the proceedings to preserve originality.
- **Non-peer-reviewed papers:** Papers reporting on-going projects with some initial but interesting results. Non-peer-reviewed papers will be available at JISDM website and their abstracts will be included into the conference book.



TOPICS AND TRACKS

- Quality Control, Quality Analysis and optimization techniques in deformation analysis
- New concepts for GNSS-based monitoring
- Point cloud-based space-temporal deformations
- New sensors for deformation measurements
- Terrestrial laser scanning for deformation monitoring
- New length metrology sensors and methods for deformation monitoring
- Reference frames and geodynamics
- Multi-sensor systems and new concepts for deformation measurements
- Vibration monitoring and dynamics
- New aspects of deformation measurements with automated total stations
- Ground-based and spaceborne radar
- Monitoring of dams
- Monitoring of landslides, debris flows, rockfalls, and other natural geohazards
- Deformation measurements for construction engineering
- UAV for change detection and deformation monitoring
- Novel approaches for monitoring of archaeological sites and cultural heritage
- Dynamic and kinematic deformation modelling
- Web-based deformation analysis tools

REGISTRATION FEES

- Full fees: 400 €
- Students: 75 €
- UPV members: 200 €
- Gala dinner: 80 €

IMPORTANT DATES

- Deadline Abstracts: 15 Jul. 2021
- Author notification: 6 Sept. 2021
- Deadline peer-reviewed papers: 15 Dec. 2021
- Deadline for non-peer-reviewed papers: 1 Feb. 2022

CO-CHAIRS

- Asso. Prof. Luis García-Asenjo
AIG/DICGF/UPV
- Prof. José Luis Lerma
CIPA/ICOMOS/DICGF/GIFLE/UPV