

# Top Class Research @ DICAM 2026

**10 Febbraio 2026**

**15.00 - 16.30**

## Programma

**Aula Consiglio**

**Via Terracini**

ore 15.00: Apertura dei lavori (Prof. Valerio Cozzani)

ore 15.10: Consegna Best Paper Award 2026

ore 15.15: Presentazione dei paper

ore 16.15: Discussione

**Arrè L., Laghi V., Marqués Paola A., Palermo M.**  
Tubular sandwich cross-sections fabricated with Wire Arc Additive Manufacturing for jumbo structural members

**Bertone N., Forte E., Titti G., Zambrini R., Macini P., Mocnik A., Parodi S., Pellegrini F., Possamai M., Staboli C., Valente M., Borgatti L.**  
Integration of seasonal frequency domain electromagnetic surveys and geological data for assessing the integrity of earthen levee systems. The case study of the Panaro River (Northern Italy)

**De Liso B. A., Pio G., Salzano E.** - Fire behaviour of liquid solvents for energy storage applications

**Di Fluri P., Di Talia V., Antonioni G., Domeneghetti A.** - A short-cut methodology for the spatial assessment of the biochemical river quality

**Jan A., Ferrari L., Bortolotti V., Mikanovic N., Ben Haha M., Franzoni E.** - Enhancement of mortar's properties by combining recycled sand and limestone calcined clay cement

**Katsivalis I., Signorini V., Ohlsson F., Langhammer C., Minelli M., Asp L. E.** - Hydrogen permeability of thin-ply composites after mechanical loading

**Laghi V., Babovic N., Benvenuti E., Kloft H.**  
Blended structural optimization of steel joints for Wire-and-Arc Additive Manufacturing

**Maggetti C., Pinelli D., Di Federico V., Sisti L., Tabanelli T., Cavani F., Frascari D.** - Development and validation of an adsorption process for phosphate removal and recovery from municipal wastewater based on hydrotalcite-related materials

**Majdabadi Farahani S., Chiapponi L., Longo S., Di Federico V.** - Darcy-Forchheimer gravity currents in porous media

**Quqa S., Li S., Shu Y., Landi L., Loh K.J.** - Crack identification using smart paint and machine learning

**Quqa S., Palermo A., Ubertini F., Marzani A.**  
Regional-scale bridge condition monitoring using InSAR displacements and environmental data

**Tamburini F., Bonvicini S., Cozzani V.**  
Consequences of subsea CO<sub>2</sub> blowouts in shallow water

**Trevisiol F., Mandanici E., Pagliarani A., Bitelli G.**  
Evaluation of Landsat-9 interoperability with Sentinel-2 and Landsat-8 over Europe and local comparison with field surveys

**Wu X., Postorino M.N., Mantecchini L.** - Impacts of connected autonomous vehicle platoon breakdown on highway

**Zanobetti F., Pio G., Bucelli M., Miani L., Jafarzadeh S., Cozzani V.** - Onboard carbon capture and storage (OCCS) for fossil fuel-based shipping: A sustainability assessment

