

Sustainable Transport Infrastructures

INTERNATIONAL CONFERENCE

16:30 pm - December 13th, 2021

Faculty of Engineering, University of Cagliari
via Marengo, 2

PROMOTED BY



Transport Infrastructures Group
of the University of Cagliari



Professional association
of Geologists of Sardinia




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The challenge that professionals, companies and public administrations of our country will have to face has few precedents: implementing the transport infrastructures already planned, those provided in the PNRR (National Resilience and Restart Plan) and the new EU 2021-2027 program. No less than 100 billion euros will be available for roads, railways, ports and airports.

How to make them? With what methods, what resources, what manufacturing technologies? And, above all, with what professionalism?

How will transport infrastructure projects, mostly developed with traditional approaches, be able to adapt and include innovative green technologies and the circular economy?

Scientific research in the "Roads, Railways and Airports" sector has been focusing on these issues for decades and the conference, promoted by the University of Cagliari and ASIT (Italian Association Transport Infrastructures).

The Conference addresses some international points of view on scientific research, on the best practices of analysis, design and construction. Sardinia is an ideal laboratory for experimenting, developing and promoting innovative green solutions for the infrastructures of the future.

Many transport infrastructures are being built on the island and due to its specificity and concentration of alternative materials it will become a place to experiment and disseminate good practices of circular economy and sustainability.

Programme

16:30 / 16:45 ATTENDEES REGISTRATION

16:45 / 17:00 INTRODUCTION

Welcome greetings

Prof. Giorgio Massacci DICAAR Director University of Cagliari

Innovation and Scientific Research in the Italian Transport Infrastructures

Prof. Massimo Losa President ASIT
Scientific Association of Transport Infrastructures
Professor of Roads, Railways and Airports, University of Pisa

The Case Of Sardinia. Italian Laboratory For Green Pavement

Prof. Mauro Coni ASIT - Professor of Roads, Railways and Airports
University of Cagliari

Dr Gianluca Cocco Director General of the Department of Environmental
Protection, Sustainability, Strategic Evaluation
Regional Sardinia Administration

Dr Paolo Mereu Roads Manager of the Metropolitan Cagliari Administration

Dr Silvia Portas Deputy Infrastructures Design
SOGAER Cagliari International Airport

South Africa Sustainability Perspective

Prof. Cristina Trois Full Professor in Environmental Engineering
South African Research Chair in Waste and Climate Change
at University of KwaZulu-Natal
Head of School of Civil Engineering, Survey and Construction

17:45 / 19:00 KEYNOTE SPEECH

Sustainable Transport Infrastructures: Materials and Procedures

Prof. Imad Al-Qadi Bliss Professor of Engineering
Director of the Advanced Transportation
Research and Engineering Laboratory (ATREL)
the Illinois Center for Transportation (ICT)
and the Smart Transportation Infrastructure Initiative (STII)
at the University of Illinois at Urbana-Champaign (UIUC)

19:00 / 19:30 ROUND TABLE AND DISCUSSION

SCIENTIFIC AND ORGANIZING COMMITTEE

Prof.ing. Mauro Coni

Prof.ing. Francesco Pinna

Prof.ing. Francesca Maltinti

Dott.ing. Silvia Portas

Dott.ing. Nicoletta Rassu

Dott.ing. James Rombi

Dott.ing. Marta Salis

Dott.geol. Marco Olianas

Dott.ing. Andrea Serpi

HOW TO PARTICIPATE

The event will be held in the Aula Magna of the Faculty of Engineering and Architecture (Via Marengo, 2).

The Conference will take place in hybrid mode, in person and online: it will be possible to connect and participate in the event [\[link here\]](#)

Free entry subject to availability

CREDITS

Participants, engineers and geologists, will be awarded 2 professional credits.

To participate, please register on the OIC website

COVID

The event will take place according to the provisions and guidelines in force for the fight against the Covid-19 pandemic. Access will be only allowed to people with Digital Covid Certificate (GreenPass).

ORGANIZING SECRETARIAT



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