



# The ERAdiate project

**Dr. Ghadir Pourhashem**

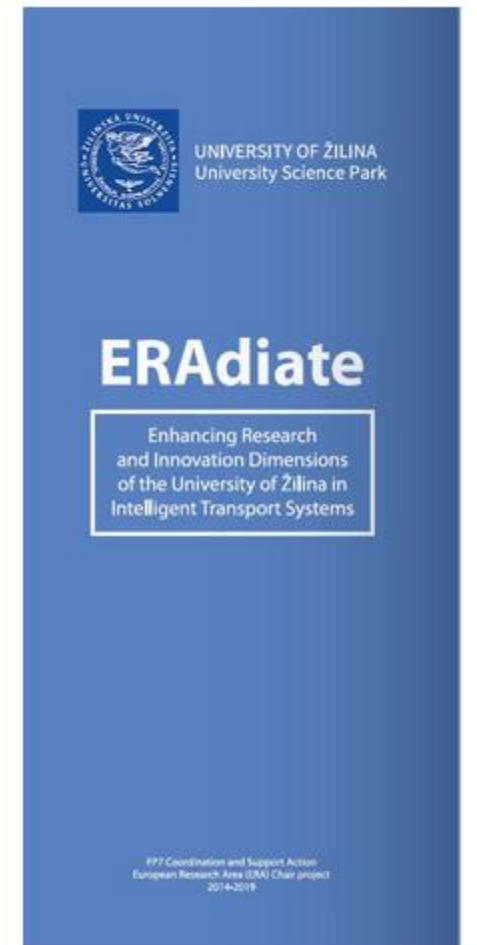
**ERA Chair senior researcher**

FP7 ERAdiate project on ITS

University of Žilina, Slovakia

# About the ERAdiate project

- **ERA Chair pilot project funded under FP7 Pilot (2014-2019)**
  - Part of H2020 pillar “Spreading Excellence and Widening Participation” expected to close the research and innovation gap in the EU
  - 11 out of 111 proposals granted!



<http://www.erachair.uniza.sk>

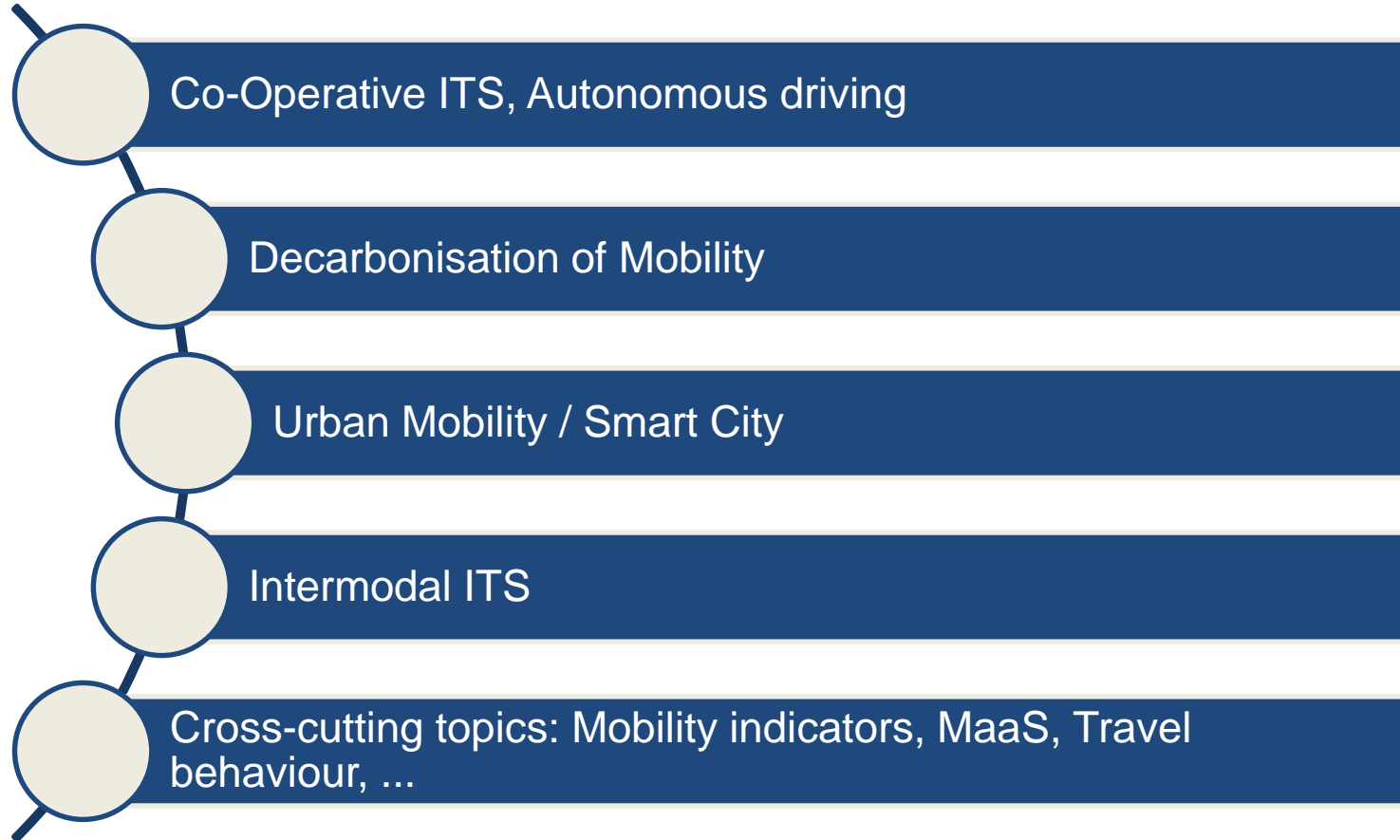


# About the ERAdiate project

- **ERAdiate bringing international experts in ITS to UNIZA**
- **Realisation of full R&I potential of UNIZA and its region in the field of Intelligent Transport Systems**
- **ERAdiate impacts beyond R&I**
  - Internationalisation
  - Fostering Inter- Trans- disciplinarity
  - Institutional and structural changes
  - Regional impact by involving public and private actors in ITS initiatives and projects



# ERAdiate Main R&I Themes



# ERAdiate Success in Project Funding

Project	Funding Scheme	UNIZA role	Duration
SENSors and Intelligence in BuILt Environment (SENSIBLE)	H2020 MSCA-RISE-2016	Partner	3 years (2017-2020)
Safety IMprovement using near Miss Analysis on Road Crossings (SIMMARC)	Austrian Research Funding Agency FFG	Partner	2 years (2017-2019)
Decentralised real-time electric vehicle charging: optimality, fairness and resilience	Alan Turing Institute - Lloyd's Register Foundation	Partner	2 years (2017-2019)
Mobility and Time Value (MoTiV)	H2020 MG-8-5-2017	Coordinator	2.5 years (2017-2020)
Technical support related to <b>Sustainable Urban Mobility Indicators</b> (SUMI)	EC DG MOVE	Partner	2 years (2017-2019)
OC-2016-2 COST Action on "Connected and autonomous driving"	COST	Partner	4 years (2017-2021)

## Under Evaluation Projects

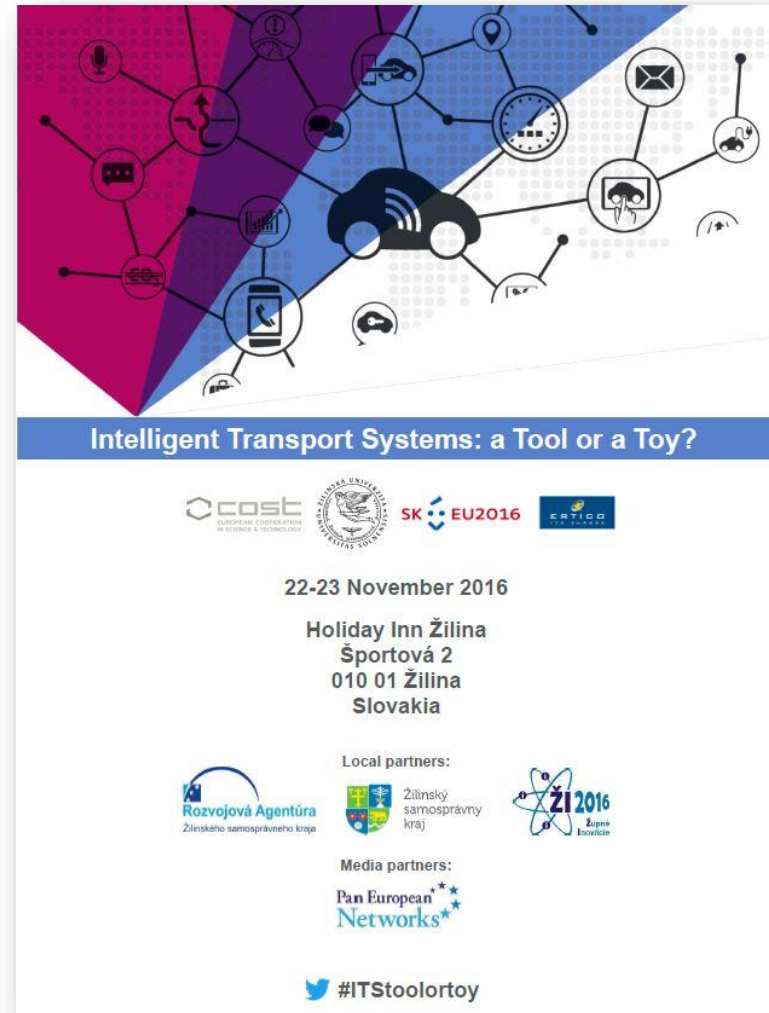
- Interreg Europe (Low-carbon economy) – Partner
- H2020-LeMa4.0 - Low Energy Machine Learning for Industry 4.0 Applications



# ERAdiate Activities and Initiatives

## International Conference “ITS: Tool or Toy?”

- Co-organized with COST
- EU Slovak Presidency (2016)
- ~150 participants from 22 EU countries
- Press conference widely covered by national media
- One of the most international conferences ever held in Zilina



# ERAdiate Activities and Initiatives

- **UNIZA Grants Week**
  - Improve skills and knowledge of UNIZA research community on research funding
  - 3 full-day programme
  - Free of charge
  - International trainers



**SAVE the DATE!**  
19-21 September 2017  
**UNIZA GRANTS WEEK**

Maximise your chances of success  
in research applications!

Organised by the ERAdiate project at the University of Žilina, the Grants Week will provide comprehensive information and advice on how to find the most relevant Slovak and European funding programmes and how to write professional and competitive grant proposals.

Registrations are open until 30 April 2017

For further information, please visit the ERAdiate website:  
<http://www.erachair.uniza.sk>

**Free of charge**  
**Seats are limited!**  
**Registration deadline**  
**30/04/2017**

Open to research community, PhD students and research support staff

Develop your competences and knowledge to get your research ideas funded

International trainers

ERAdiate project  
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University Science Park  
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Slovakia  
[www.erachair.uniza.sk](http://www.erachair.uniza.sk)



Enhancing Research and innovation dimensions  
of the University of Žilina in intelligent transport  
systems

ERAdiate project funded under  
FP7 (contract no. 621386)



# ERAdiate Activities and Initiatives

## INTSYS 2017

- Co-organized with European Alliance for Innovation(EAI)

- Broad focus

- Travel and traffic information
- Traffic management and intelligent infrastructure
- Cooperative ITS and Autonomous driving
- Safe and secure ITS
- Big data in ITS
- Cloud computing, Fog computing
- Satellite services and applications using GALILEO
- Localization
- Traffic modelling and simulation
- Sensors, Detectors and Actuators
- ITS user services
- Approaches to sustainable transportation
- ITS for Smart Cities
- Societal aspects of ITS deployment



**INTSYS**  
INTELLIGENT TRANSPORT SYSTEMS

**Deadlines:**

Full Paper Submission  
**31 July 2017**

Notification & Registration Opens  
**4 September 2017**

Camera-ready  
**1 October 2017**

**Intelligent Transport Systems –  
From research and development  
to the market uptake**

Helsinki, Finland

**29 - 30  
November  
2017**

co-located with SmartCity 360 summit

**ERAdiate**

**EAI**  
RESEARCH ALLIANCE INNOVATION

<http://futuretransport.org/2017/>





# ERAdiate Activities and Initiatives

- **Promoting UNIZA membership and active involvement within relevant professional organisations**
- ERAdiate introduced UNIZA at EARPA (Association of Automotive R&D Organisations)
- UNIZA approved as new member of EARPA since December 2016

# ERAdiate Future Activities

- Bi-monthly ERAdiate lecture series
- Training School 2018
  - Registration is **now** open
- ERAdiate Newsletter
- Scientific Café



**UNIZA TRAINING SCHOOL 2018**  
18-20 September 2018

**Scientific Writing and Communication**

*Maximise your chances of success in the Academic Career*

Registrations are open until 15 May 2018:  
<http://bit.ly/2tMKGP5>

**INFO**

**Sets are limited!**  
Registration deadline **15/05/2018**

Open to research community, PhD students and research support staff

Develop your competences and knowledge for **high-quality publications and presentations**

**CONTACT**

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ERAdiate Project  
University Science Park

[WWW.ERACHAIR.UNIZA.SK](http://WWW.ERACHAIR.UNIZA.SK) @ERAdiateITS

 **ERAdiate**  
Enhancing Research and Innovation dimensions of the University of Žilina in intelligent transport systems

  
ERAdiate project funded under FP7 (contract no. 622386)

# Today's talks

- **Dr. Floridea Di Ciommo**  
ITS and ethical design in terms of ecological and social sustainability: the new transport systems
- **Dr. Yannick Cornet**  
Reasonable Travel Time The Traveller's Perspective
- **Dr. Giuseppe Lugano**  
Outlook on Value of Travel Time: Futures Study and Related Hypotheses




Current Trends  
and Future Perspectives  
on Sustainable and Smart Mobility




ERAdiate  
LECTURE SERIES

Opening by Prof. Milan Dado  
ERAdiate Project Coordinator


Moderated by Dr. Ghadir Pourhashem  
ERAdiate Team member



Dr. Floridea di Ciommo  
Co-founder of cambiaMO  
Cooperative Society (Spain)



Dr. Yannick Cornet  
ERAdiate Team member



Dr. Giuseppe Lugano  
ERAdiate Team member

14 March 2018  
10 am, UNIZA Aula 2

All lectures are free

Seats are limited,  
Make sure to sign up now!  
<http://bit.ly/204FzCo>



ERAdiate  
Bridging Research and Innovation: Innovations  
of the University of Zilina in intelligent transport  
systems



ERAdiate project funded under  
FP7 (contract no. 621386)



# Thank you!

## Contact us

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