

***Ahmed MAALEL, PhD***  
**Horizon 2020 NCP ICT**



**RIADI Laboratory,  
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## Topics - Three research areas:

- Topic 1 : Software Engineering, Integrated Environments and Communication Systems) → Glory
- Topic 2 : Complex Systems Engineering, Knowledge Extraction and Information Retrieval)
- Topic 3 :Intelligent Systems in Imaging, Vision and Remote Sensing)

# Research Team GLORY



**Topic 1 :** Software Engineering, Integrated Environments and Communication Systems

**Research activities :**

- Engineering of collaborative methods and processes, Requirements engineering, Software quality and security
- IoT, Semantic web, Ontological engineering
- Intelligent and collaborative information systems
- Software architecture (SOA), Communication systems, Real-time databases
- Business processes, Urbanization of information systems, Reengineering

**Team:**

- 10 senior researcher
- 30 lecturer
- +50 PhD Candidate



# Automated Road Transport (2/2)

## Topic identifier: Automated Road Transport

### Expected Impact:

- Managing a network of automated road vehicles
- Providing optimal decision support systems for automated road transport from big data
- Resilience of the automated road transport to cyber attacks on vehicles and infrastructure
- Creation of opportunities for entrepreneurs by promoting new market openings, providing access to valuable datasets and direct interactions with users, expanding local businesses to European scale, etc.
- Exploration and validation of new industry and business processes and innovative business models validated in the context of the pilot projects



# Consortium - required partners



No	Expertise	Type	Country	Role in the project
01	Electronics and Microelectronics/ Embedded Systems	RTD	AC	Partner
02	Design and Man-Machine-Interface	ITS	EU/AC	Coordinator/Partner
03	ITS	RTD	EU	Coordinator/Partner
04	DATA	RTD	EU/AC	Public organisations
05	Communication and dissemination	C	EU/AC	Public /Private Organisations
06	...	...	..	...

# Thank you

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