



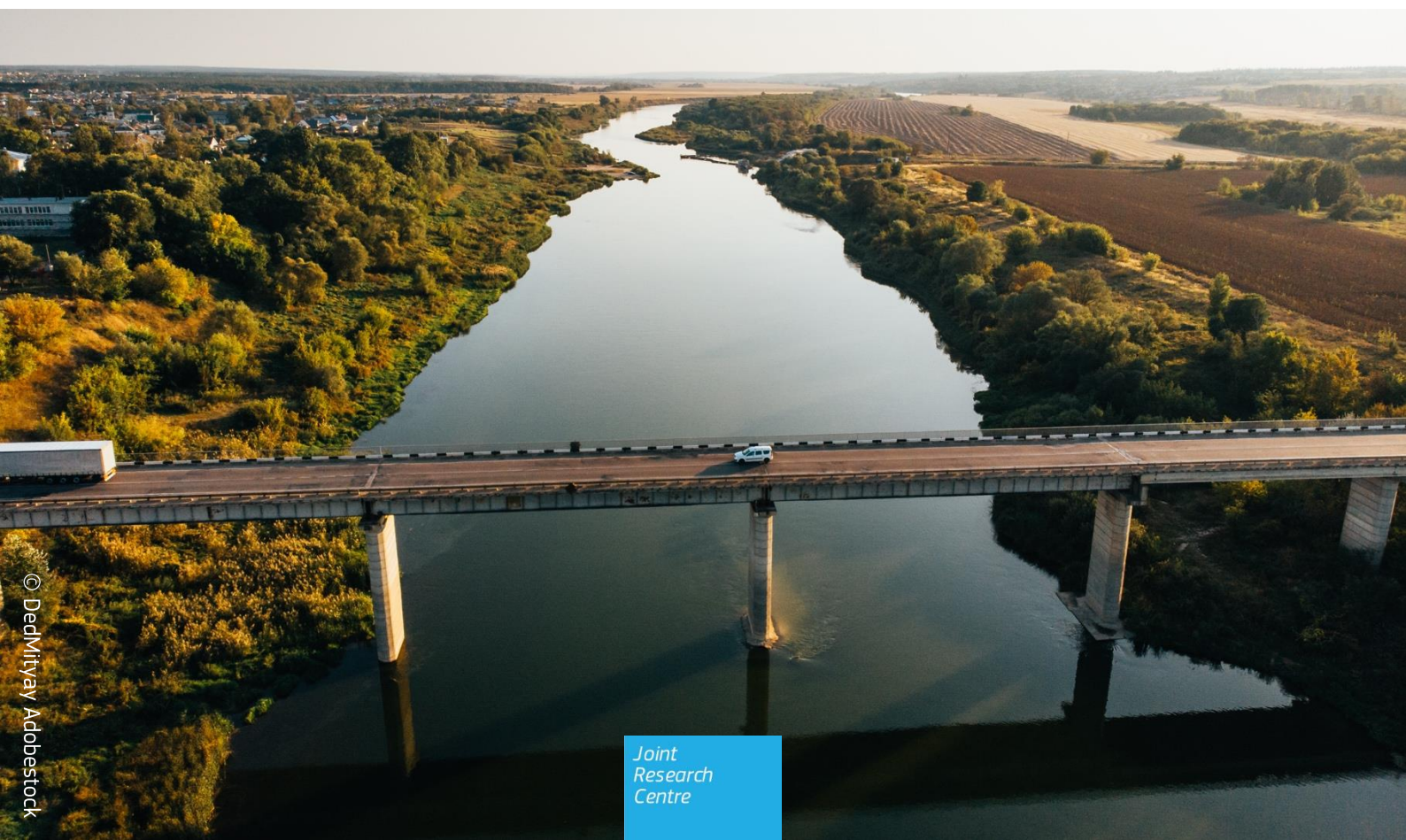
Draft Agenda

JRC MITICA Workshop

Indirect structural health monitoring (iSHM) of
transport infrastructure in the digital age

6-7 June, 2022

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Joint
Research
Centre

Monday, 6 June 2022

- 8:45-9:00 **Registration**
- 9:00-9:20 **Welcome Address**
Jutta Thielen - Del Pozo, Head of Scientific Development Unit, JRC
Alois Krasenbrink, Head of Sustainable Transport Unit, JRC
Artur Pinto, Head of Safety and Security of Buildings, JRC
- 9:20-9:50 **Setting the context**
Maria Cristina Galassi (JRC), Introduction
Georgios Tsionis (JRC), Safety of Bridges
Konstantinos Gkoumas (JRC), Bridge R&I in Europe
- 9:50-11:10 **Session 1: Advances in SHM strategies and its applications to civil infrastructure**

James Brownjohn (University of Exeter)
Anastasios Sextos (University of Bristol)
Gian Paolo Cimellaro (Politecnico di Torino)
Daniel Tirelli (JRC), The MITICA project within the JRC (1/2)
Open Discussion
- 11:10-11:30 Coffee break
- 11:30-12:50 **Session 2: Indirect Structural Health Monitoring (iSHM) using passing vehicles**

Kyriaki Gkoktsi (JRC), The MITICA project within the JRC (2/2)
Abdollah Malekjafarian (University College Dublin)
Umberto Fugiglando & Lorenzo Benedetti (MIT)
Daniel Cantero (Norwegian University of Science & Technology NTNU)
Open Discussion
- 13:00-14:30 Lunch break
- 14:30-15:20 **Session 3: Digital technologies and iSHM enablers**

Flavio Bono (JRC), Digital technologies in the field
Guido Camata (Università degli Studi G. d'Annunzio Chieti e Pescara)
Open Discussion
- 15:30 **End of Day 1**

Tuesday, 7 June 2022

- 8:45-9:00 **Registration**
- 9:00-09:50 **Session 1: Policy perspective and integration with European research**

 Roman Horvath (DG GROW)
 Sergio Escriba (CINEA)
 Open Discussion
- 09:50-10:40 **Session 2: Integration of SHM in standards and operational aspects**

 Maria Pina Limongelli (Politecnico di Milano)
 Diego Allaix (TNO)
 Open Discussion
- 10:40-11:00 Coffee break
- 11:00-11:50 **Session 3: Vehicle-Infrastructure Interaction**

 Maurizio Cutini (CREA LAB)
 TBC
 Open Discussion
- 11:50-12:30 **Session 4: Wrap up and way forward**

 Konstantinos Gkoumas (JRC) & Kyriaki Gkoktsi (JRC)
 Open Discussion
- 12:30 **Closure of the Workshop**