

DAY 1 - 17/09/2018**09:00 – 17.00**

09:00 Registration of participants

10:00 Welcome speech

*dr Vittorio Armani (ANAS Director General)**dr Michele Vigna (Director)*

10:15 The INFRAVATION Project

*dr. Peter Wilbers (INFRAVATION coordinator)***SHAPE**

10:30 Dynamic investigation of bridges: devices, monitoring and feature extraction

Prof. Andrea Benedetti

10:55 Evaluation of damage through detection of changes in the vibration data

Prof. Andrea Benedetti

11:20 Discussion

11:30 Coffee Break

SEEBRIDGE

12:00 Next-generation bridge inspection using Scanning, BIM and Photography

Dr. Ioannis Brilakis, University of Cambridge

12:25 Semantic enrichment for Scan to BIM modeling of highway infrastructure

Prof. Rafael Sacks, Technion, Israele

12:50 Discussion

13:00 Lunch

SUREBRIDGE

14:30 A potential solution

Reza Haghani, CTH

14:55 Potential for refurbishment of existing bridges: Case studies

Paolo Sebastiano Valvo, University of Pisa

15:20 Discussion

15:30 Coffee Break

SEACON

16:00 Sustainable concrete using seawater, salt-contaminated aggregates, and non-corrosive reinforcement

dr. Federica Lollini, dr. Elena Radaelli

16:50 Discussion

17:00 Closure – End of the first day

DAY 2 - 18/09/2018**9:00 – 14.00**

09:00 Opening

SHAPE

09:10 Innovation in bio-recycling of old asphalt pavements

Emmanuel Chailleux

09:35 Full scale and LCA assessment of the BioRePavation innovations

Davide Lopresti

10:00 Discussion

ALTERPAVE

10:10 Promotion of sustainable materials and circular economy in the road construction

*Livio Trussardi, Matteo Bacchi**Dr. Ioannis Brilakis, University of Cambridge*

11:00 Discussion

11:10 Coffee Break

HEALROAD

11:30 Induction heating technique to increase road durability and reduce maintenance costs and disruptions: current problems on road network and solution possibilities

Bastian Wacker

11:45 Laboratory research and full-scale demonstrator

Bastian Wacker

12:20 Discussion

12:30 Closure and Lunch

14:00 End of the seminar

Contact details

Patrizia Bellucci

p.bellucci@stradeanas.it

Raffaella Grecco

r.grecco@stradenas.it