

Workshop on Embankment Dams

Harpa Conference and Concert halls

Reykjavik, 1 September 2019

Chair : Daniele Cazzuffi (CESI SpA, Milano)

13.00-13.15: **Introduction**

Limin Zhang (University of Science & Technology, Hong Kong and Chair of TC 210)

13.15-13.35: **3D Stress State and the slope stability of embankment dams in narrow valleys**

Nicolas Moura & Gilson Gitirana (University Goiania, Brazil) and Murray Fredlund (SoilVision Systems, Canada)

13.35-13.55: **Embankment construction by means of a membrane foundation**

Oliver Detert (Huesker, Germany), Dimiter Alexiew (Gescher, Germany) and D. Konig (University of Bochum, Germany)

13.55-14.15: **Dynamic properties of earth-core Italian dams from field and laboratory tests**

Giuseppe Lanzo (Sapienza University of Roma, Italy), A. Pagliaroli (University of Chieti-Pescara, Italy) and G. Scasserra (Ground Engineering, Roma, Italy)

14.15-14.35: **Effects on earth dams of drawdown scenarios imposed after a strong earthquake**

S. Sica & F. Rotili (University of Sannio, Benevento, Italy) & Luca Pagano (University Federico II, Napoli, Italy)

14.35-14.55: **Numerical simulation of seismic response of earth dams**

E. Banti, S. Stacul & D. Lo Presti (University of Pisa, Italy)

14.55-15.25: **Discussion**

15.25-15.40: **Summary and Closure**

Daniele Cazzuffi (CESI SpA, Milano)

Limin Zhang (University of Science & Technology, Hong Kong and Chair of TC 210)

15.40-15.55: **Break**

15.55-16.55: **ISSMGE TC210 Committee Meeting**