

Technical Committee A “Computational Aspects of Analysis and Design of Dams”

Workshop, Saturday 28 May, “Non-Linear Modelling of Concrete Dams”

| Time | Non-Linear Modelling of Concrete Dams | Presenter |
|---------------|---|------------------------------------|
| | <i>Moderator</i> | <i>Gerald Zenz – Vice Chairman</i> |
| 14:00 – 14:20 | Committee A activities | Guido Mazzà - Chairman |
| 14:20 – 14:40 | Introduction, types of nonlinearities and material non-linearities | Manouchehr Hassanzadeh |
| 14:40 – 15:00 | Boundary nonlinearities | Manouchehr Hassanzadeh |
| 15:00 – 15:15 | FE-software and capabilities for the non-linear modelling of concrete dams | Russell Gunn |
| 15:15 – 15:30 | Selection of material parameter values for the practical nonlinear modelling of concrete dams | Russell Gunn |
| 15:30 – 15:50 | NLMCD Examples and case histories | Antonella Frigerio |
| 15:50 – 15:55 | Round off the presentation and further work | Manouchehr Hassanzadeh |
| 15:55 – 16:15 | Questions | |