

Editorial

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This volume contains a blend of papers focusing on modeling and simulation of storage in deep layers. The papers were contributions to the conference “Modeling Storage in Deep Layers”, which took place in Schwetzingen Castle from October, 11–13, 2011. The range of applications of modeling, numerical methods and HPC-based simulation covers a wide range of topics such as carbon-dioxide sequestration and safety analysis for radioactive waste disposals in deep layers.

Like the conference, the current issue is devoted to the memory of three leading colleagues from our field, who passed away in recent years: Richard E. Ewing, Magne Espedal and Eckard Fein. All three of them gave major

contributions to the field. Richard E. Ewing and Magne Espedal served on the editorial board of *Computing and Visualization in Science*. The contributions to the conference and the current issue show that their work is still alive in the community and serves as a basis for a new generation of researchers. We thank them and will never forget what they did for science.

Special thanks are due to Eva-Maria Vachek, who carefully compiled the contributions to this volume.

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