

Selected contributions from the 14th European Conference on the Mathematics of Oil Recovery (ECMOR XIV)

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The 14th European Conference on the Mathematics of Oil Recovery (ECMOR XIV) was held in Catania, a beautiful city lying between Mount Etna and the Mediterranean Sea on the magnificent island of Sicily (Italy) [1] from 9 to 11 September, 2014. ECMOR has been organized every even year since 1988 to provide a place where engineers and scientists from Academia and the oil and gas industry could meet to focus advancements on mathematical aspects of reservoir simulation and modelling. After ECMOR VI, held in Scotland in September 1998, the European Association of Geoscientists and Engineers (EAGE) included this event in its regular program. In Catania, a total of 88 oral presentations and 47 posters covered a wide range of topics and received attention from 185 attendees, a new record for ECMOR. The full list of papers presented at the conference can be found on the EAGE website (<http://www.eage.org/event/index.php?eventid=1093&evp=12651>), and all papers are electronically accessible via the EarthDoc online data base (<http://earthdoc.eage.org/>). This issue of *Computational Geosciences* presents 24 papers developed upon selected works from the Sicilian conference and that have been peer reviewed according to the journal's policy. These papers address complex mathematical challenges arising from the need to meet the world energy demand in the next years, and provide evidences of the technical success of ECMOR XIV. I wish to congratulate the authors for

being part of this special issue and express my appreciation for the quality of the work.

I deeply thank the anonymous reviewers who volunteered their time and expertise, Alexandra Chroma, Berend Popjius, and Lara Gavrilovic from EAGE, and my fellow members of the ECMOR program committee, namely Ivar Aavatsmark (University of Bergen), Wen Chen (Chevron), Louis Durlofsky (Stanford University), Ahmed El Sheik (Heriot-Watt University), Dominique Guerilot (Texas A&M University at Qatar) Dayal Gunasekera (Schlumberger), Jan-Dirk Jansen (Delft University of Technology), Hans Kraaijevanger (Shell), Mikaele Le Ravalec (IFPEN), Stephan Matthai (University of Melbourne), Gillian Pickup (Heriot-Watt University), Edel Reiso (Statoil), Jean-Jacques Royer (University of Lorraine), Ralf Schulze-Riegert (Schlumberger), Arne Skorstad (Emerson), and Iskander Zakirov (Rosneft).

This committee holds the responsibility for the technical success of the ECMOR program and its focus is now on ECMOR XV, which will be organized in Amsterdam (The Netherlands) from August 29th to September 1st, 2016 with Jan Dirk Jansen as conference chairman. In this process, we will not benefit from the collaboration of Gillian Pickup and Hans Kraaijevanger, who decided to step out of the committee. Gillian was in the committee since 2000, while Hans since 2012, and on behalf of my fellows, I wish to express my gratitude for the their valuable work over these years.

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References

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