

Special Issue Editorial

The First International Conference on Molecular Modeling and Spectroscopy

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This issue of Egyptian Journal of Chemistry (EJCHEM) contains a collection of 16 papers from the First International Conference on Molecular Modeling and Spectroscopy 2019 (ICMMS1).



The aim of the ICMMS1 conference was to investigate innovative applications and last researches in the areas of molecular modeling and molecular spectroscopy. It covered issues on quantum mechanical molecular modeling together with

molecular spectroscopy for creating a stage to exchange the latest research results and sharing the advanced research methods.

ICMMS1 was the first international conference to be organized by Molecular Spectroscopy and Modeling group in the National Research Centre (NRC), Egypt. The unit is providing professional technical consultations and designing molecular models for environmental reactions and electronic properties of matter. The unit is now collaborating with several institutes inside and outside Egypt.

ICMMS1 was held at the NRC in Cairo, Egypt, and attracted a total of 177 submissions, beside 18 keynote lectures from Egypt, Germany, Russia, Poland, Italy, USA, Romania, Ukraine and KSA in 10 sessions, covering different research topics. The scientific committee selected 89 oral talks and 84 posters to be presented at the conference.

A total of 31 papers were submitted for possible publication in this special issue of EJCHEM, 16 of which were finally selected from among all the accepted papers by the special issue's guest editors Ahmed Refaat and Medhat Ibrahim, based on the relevance to the scope of the journal and the reviews of the conference version of the papers. The authors were asked to follow the instructions set by EJCHEM. The revised papers again went through the normal journal-style review process and are finally presented to the readers in the present form. We appreciate the willingness of the authors to help in organizing this special issue.

Six papers lie under the category of molecular modeling and ten papers lie under the categories of Applied Spectroscopy.