

## 26<sup>th</sup> Croatian-Slovenian Crystallographic Meeting (CSCM26)

June 13<sup>th</sup>-17<sup>th</sup>, Poreč Croatia

### Scientific report for ECA

The 26<sup>th</sup> Croatian-Slovenian Crystallographic Meeting was held in June 2018 in the city of Poreč in the hotel Diamant. There were 95 registered participants and accompanying persons from Austria, Check Republic, Italy, Macedonia, Netherlands, Germany, Poland, Serbia, United Kingdom, Ukraine, Slovenia and Croatia. Five plenary lectures were presented, by the well-known crystallographers from the international crystallographic community:

Andrzej Katrusiak, Professor, Adam Mickiewicz University, Poznań, Poland: *"High-pressure effects in hydrogen-bonded crystals"*

Paolo Scardi, Professor, University of Trento, Italy: *"SRXRD of metal nanocrystals: learning from mistakes"*

Serena Chiara Tarantino, lecturer, University of Pavia, Italy: *"Crystals' warm-up, stretching and ... workout!"*

Zoran Štefanić, senior scientific associate, Ruđer Bošković Institute, Zagreb, Croatia: *"Purine nucleoside phosphorylases: a quest for enzyme mechanism and allosteric pathways"*

Nataša Zabukovec Logar, Professor, National Institute of Chemistry, Ljubljana, Slovenia: *"Crystallography in Microporous Materials Research"*

Lutz Nasdala, Professor, University of Vienna, Austria: *"Structural radiation damage in minerals: What can we learn?"*

Fifty-seven short oral presentations were given, covering all aspects of crystallography: contemporary development of crystallography, structure determination of organic and inorganic compounds, crystal architecture and design, solid state physics and chemistry, molecular biology, pharmacology, mineralogy and so on. As it is already customary at the Croatian-Slovenian crystallographic meetings, there was a large number of young scientists who all orally presented their work in front of their senior colleagues in a friendly, but professional, manner.

The Meeting was organized jointly by the Croatian Crystallographic Association and Faculty of Chemistry and Chemical Technology, University of Ljubljana under the auspices of the Department of Mathematical, Physical and Chemical Sciences of Croatian Academy of Sciences and Arts. As for all the previous meetings, there was no registration fee.

All the additional information (including book of abstracts) can be found at the conference website: <http://kristallografi.hazu.hr/>.

### Prizes and awards

Alltogether, there were four awards given: two awards given by the IUCr to two young researchers for the best oral presentations, one award given by Bruker for the best young researcher oral presentation and one award given by Bruker for the best senior researcher oral presentation. Two of those awards (one given by IUCr and one given by Bruker) were given to two young scientist, Lidija Kanižaj (Zagreb, Croatia) and Nikolina Penić (Zagreb, Croatia) who were able to attend the conference by the generous contribution from the ECA.

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### Financial report for ECA

Financial support generously given by ECA was used to support the attendance of 12 master and phd students – covering the cost of stay. Some of them were situated at the hotel Diamant, and some of them in the nearby apartment.

Attendance of the following students was covered by ECA financial support:

1. Lidija Kanižaj, Ruđer Bošković Institute Zagreb, Croatia, [Lidija.Kanizaj@irb.hr](mailto:Lidija.Kanizaj@irb.hr)
2. Mirjana Radanović, Faculty of Sciences, University of Novi Sad, Serbia, [mirjana.lalovic@dh.uns.ac.rs](mailto:mirjana.lalovic@dh.uns.ac.rs)
3. Miha Drev, Faculty of Chemistry and Chemical Technology, University of Ljubljana, Slovenia, [Miha.Drev@fkkt.uni-lj.si](mailto:Miha.Drev@fkkt.uni-lj.si)
4. Robert Katava, Department of Applied Chemistry, Faculty of Textile Technology, University of Zagreb, Croatia, [robert.katava@tff.hr](mailto:robert.katava@tff.hr)
5. Mateja Pisačić, Department of Chemistry, Faculty of Science, University of Zagreb, Croatia, [mpisacic@chem.pmf.hr](mailto:mpisacic@chem.pmf.hr)
6. Mladen Borovina, Department of Chemistry, Faculty of Science, University of Zagreb, Croatia, [mborovina@chem.pmf.hr](mailto:mborovina@chem.pmf.hr)
7. Nikolina Penić, Department of Chemistry, Faculty of Science, University of Zagreb, Croatia, [peniceva@hotmail.com](mailto:peniceva@hotmail.com)
8. Nikola Tasić, Institute for Multidisciplinary Research, University of Belgrade, Serbia, [nikola.tasic@imsi.bg.ac.rs](mailto:nikola.tasic@imsi.bg.ac.rs)
9. Jovana Cirković, Institute for multidisciplinary research, University of Belgrade, Serbia, [jovana.cirkovic@gmail.com](mailto:jovana.cirkovic@gmail.com)
10. Božena Lovrić, Department of Chemistry, Faculty of Science, University of Zagreb, Croatia, [bozena.lovrice@chem.pmf.hr](mailto:bozena.lovrice@chem.pmf.hr)
11. Luka Šmital, Faculty of Science, University of Zagreb, Croatia, [lsmital@chem.pmf.hr](mailto:lsmital@chem.pmf.hr)
12. Aleksandar Meštrić, Department of Chemistry, Faculty of Science, University of Zagreb, Croatia, [aleksandar.mestric@gmail.com](mailto:aleksandar.mestric@gmail.com)

**Total 1500€**

Sincerely,



Assist. prof. Željko Skoko

Chair of the scientific and organizing committee CSCM26

Zagreb, 26. 02. 2019.