

Adriatic NMR Conference 2020

September 22–24, 2020, Peroj (Istria), Croatia

<https://adriatic-nmr-conference.chem.pmf.hr/>

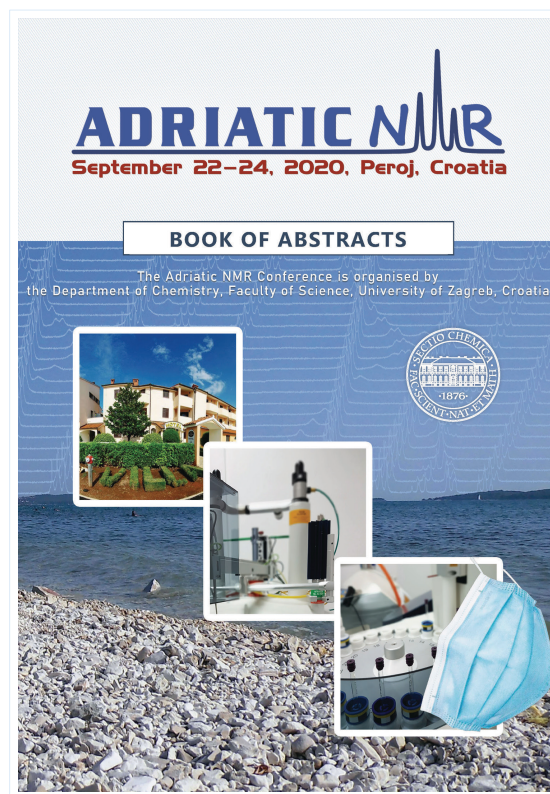
by Predrag Novak

*Department of Chemistry, Faculty of Science, University of Zagreb,
 Horvatovac 102a, 10000 Zagreb, Croatia
 pnovak@chem.pmf.hr*

THE FOURTH international Adriatic NMR Conference, organized by the Faculty of Science, University of Zagreb, was held in September 22–24, 2020, in Peroj (Istria), Croatia. This year the conference was held under the Covid-19 pandemic. The organizer secured face masks (donation of Ru-Ve) and disinfectants for all participants who kept 2 m distance from each other at all times during the sessions, in accordance with the recommendations of the Headquarters of Civil Protection.

Unfortunately, owing to the pandemic only a limited number of participants from abroad could participate and the conference gathered about 30 people, mostly from Croatia, who presented their work in the field of theory and application of NMR spectroscopy. A number of young researchers, diploma, PhD and postdoctoral students took part at the conference.

The Adriatic NMR conference serve as a platform for participants to gain insight in recent developments in NMR spectroscopy, to get acquainted with diverse applications of state of the art NMR techniques, and expand their knowledge on NMR theory. It strongly encourages all participants to share their scientific experience through



fruitful discussions and new collaborations. The wide scope of the conference includes but is not limited to topics regarding the theoretical basis of NMR, method development, Bio-NMR, spectral data interpretation and simulation, metabolomics, NMR characterization of supramolecular systems and industrial applications of NMR spectroscopy.



The conference is organized through plenary and invited lectures, poster and sponsor presentations. This year most of the lectures were given on-line. The speakers were world recognized and eminent scientists from Croatia, Italy, Austria, Poland, Bulgaria, Greece, and Serbia.

Members of the organizing committee are: Predrag Novak - chair, Dražen Vikić-Topić - co-chair, Vladislav Tomišić, Nikola Bregović, Jelena Parlov Vuković, Danijel Namjesnik, Katarina Pičuljan, Klaus Zangger, Janez Plavec, and Lara Jurković.

This year scientists presented new achievements in applications of NMR spectroscopy in the field of metabolomics, analysis of honey, wine, and natural products as well as inclusion complexes and biodiesel. Few lectures were dedicated to theory and applications of solid state NMR techniques. Also, characteristics and applications of a bench-top NMR have been presented. I would like to emphasize student poster session that was held on the terrace of the hotel. The best poster was: „Isolation and structural characterization of 9a- and 4''- tetrahydrofurfuryl macrozone reaction mixture components using the LC-SPE/NMR“, by Lucija Ema Sekula, Iva Habinovec, Ivana Mikulandra, Jana Gašperov, Predrag Novak, Ivan Grgičević, Mirjana Bukvić, for which Lucija Ema Sekula won a tablet (donation of Ru-Ve). Complementary participation fee for the next conference was awarded to Alma Ramić for her poster: „Characterization of *cinchona* alkaloids with NMR spectroscopy“.

Special thanks to all sponsors for financing this event (Diamond: AlphaChrom; Golden: Bruker, INA, Xellia,



Aparatura, Asolutic, Magritek; Silver: Donau lab, Fidelta, Kobis, Kefo, Jeol, Metler, Belupo; Donors: Messer, LKB, Ru-Ve. The conference was held under the auspices of Ministry of Science and Croatian Academy of Sciences and Arts.

I would also like to thank all participants who took part at the conference in this turbulent times and in spite of the Covid-19 pandemic. I believe that the next *Adriatic NMR Conference* in Primošten next year (September 13–16, 2021), which is going to be organized jointly with *Magnetic Moments in Central Europe*, will be held in Corona-free environment and that we will all be able to get-together as we used to before. The joint conference will celebrate 50 years of the first two-dimensional NMR scheme proposed in Baško Polje in 1971.

You are all invited!

Predrag Novak
chair