MATERIALS STRUCTURE

in Chemistry, Biology, Physics and Technology

Bulletin of the Czech and Slovak Crystallographic Association



www.xray.cz

EDITORS

Radovan Černý

Laboratory of Crystallography, University of Geneva, 24, quai Ernest Ansermet, CH-1211 Geneva, Switzerland, Radovan.Cerny@unige.ch

Jaroslav Fiala

West Bohemian University, New Technologies - Research Center, Univerzitní 8, 306 14 Plzeň Czech Republic

Jindřich Hašek

Institute of Biotechnology - BIOCEV, Vestec, Czech Republic, hasekjh@seznam.cz

Jiří Kulda

Institute Laue-Langevin, BF 156, 380 40 Grenoble, France, kulda@ill.fr

Petr Mikulík

Faculty of Science, Masaryk University, Kotlářská 2, 611 37 Brno, Czech Republic, mikulik@physics.muni.cz

STRUKTURA 2024

Radomír Kužel Editor-in-chief

Faculty of Mathematics and Physics, Charles University, Ke Karlovu 5, 121 16 Praha 2, Czech Republic, kuzel@karlov.mff.cuni.cz

Ivana Kutá Smatanová

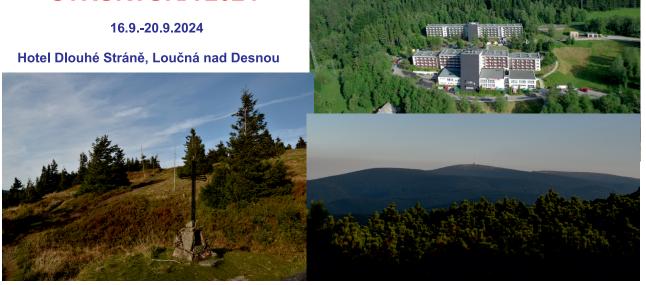
University of South Bohemia České Budějovice, Branišovská 31, 370 05 České Budějovice, Czech Republic, ivanaks@seznam.cz

David Rafaja

Technische Universität Bergakademie Freiberg, Institut für Metallkunde, Gustav-Zeuner Strasse 5, 09599 Freiberg, Germany, rafaja@ww.tu-freiberg.de

Bohdan Schneider

Institute of Biotechnology - BIOCEV, Vestec, Czech Republic bohdan.schneider@gmail.com



The conference Struktura in 2024 is organized in Jeseníky mountains after very long time and after two years it includes again the student symposium and competition. We keep the last year format - i.e. from Monday to Friday giving now more time for social program and dicussions. The conference starts with a workshop/tutorial on CCTBX.

The Computational Crystallography Toolbox (cctbx) is an open-source library of reusable software components for crystallographic and cryo-EM structure determination. It offers a comprehensive set of tools for processing, analyzing, and manipulating crystallographic and cryo-EM data, and molecular models. From analyzing data to refining and validating atomic models, the cctbx is designed to support the entire structure determination workflow.

Electronic version of the journal can be found at http://www.xray.cz/ms together with the instructions for the authors.

R. Kužel

Supported by the Czech Academy of Sciences

Published by the Czech and Slovak Crystallographic Association (CSCA).

Technical editors: Ivana Kutá Smatanová, Radomír Kužel.

Supported by the Czech Academy of Sciences.

Printed by Karel Hájek, designhhstudio.