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Scientific Program

Wednesday, 15th November

- 10:00 – 12:00 ELIXIR CZ Board meeting (members ELIXIR CZ Board only)
- 11:30 – 13:00 Lunch & registration
- 13:00 – 13:10 Welcome note: Jiří Vondrášek – ELIXIR CZ Director
- 13:10 – 13:15 Opening of the Conference: Bohdan Schneider – Head of organising committee
- 13:15 – 14:15 Keynote 1 – Anticipating Innovations in Structural Biology: Helen M. Berman – Rutgers University
- 14:15 – 15:30 Flash 15 minutes reports of Czech bioinformatic research
- DNATCO: Assignment of DNA conformations: Jiří Černý – Institute of Biotechnology CAS
 - An application of the CANA structural alphabet distinguishes the structural features of DNA bound to transcription factors and histone proteins: Bohdan Schneider – Institute of Biotechnology CAS
 - LiteMol suite: A comprehensive platform for fast delivery and visualization of macromolecular structure data: David Sehnal – Masaryk University
 - ELIXIR's Software Tools for Computational Design of Proteins: Jiří Damborský – International Clinical Research Center and Masaryk University
 - Improvements in high-performance chemical substructure search: Miroslav Kratochvíl – Institute of Organic Chemistry and Biochemistry CAS
- 15:30 – 16:00 Coffee break
- 16:00 – 16:30 Czech Infrastructure for Integrative Structural Biology: Vladimír Sklenář – Masaryk University
- 16:30 – 16:50 CZ-OPENSREEN: National Infrastructure for Chemical Biology: Petr Bartůněk – Institute of Molecular Genetics CAS
- 16:50 – 17:15 ELIXIR Tools and Data Platforms within ELIXIR CZ Node: Radka Svobodová Vařeková – Masaryk University, Karel Berka – Palacký University Olomouc
- 17:15 – 17:35 ELIXIR Interoperability Platform within ELIXIR CZ Node: Marek Suchánek, Robert Pergl – Czech Technical University in Prague
- 18:00 – 19:30 Dinner
- 19:30 – 22:00 Poster session

Thursday, 16th November

- 7:30 – 8:45 Breakfast
- 9:00 – 9:25 C4SYS – a national infrastructure connecting Czech science to ISBE – and its relation to ELIXIR: Rüdiger Ettrich – Institute of Microbiology CAS
- 9:25 – 9:50 CZECRIN as a platform/infrastructure supporting academic clinical trials: Lenka Součková – Masaryk University, Jakub Johaník – International Clinical Research Center
- 9:50 – 10:10 ELIXIR Technical Services within ELIXIR CZ Node: David Antoř – CESNET, a.l.e.
- 10:10 – 10:30 ELIXIR Training Platform within ELIXIR CZ Node: Vojtěch Spiwok – University of Chemistry and Technology
- 10:30 – 11:00 Coffee break
- 11:00 – 12:00 Flash 15 minutes reports of Czech bioinformatic research
- Ontological Analysis of Marrow Donor Registry: Robert Pergl – Czech Technical University in Prague
 - Metadynamics Miner: Vojtěch Spiwok – University of Chemistry and Technology
 - Universal finding database: Miloř Prokýřek – University of South Bohemia
 - Flying Gaussian method: Zoran řućur – University of Chemistry and Technology
- 12:00 – 13:00 Keynote 2 – GO FAIR: Towards the Internet of FAIR data and services: Barend Mons – Leiden University Medical Center
- 13:00 – 14:00 Farewell & Lunch
- 14:00 – 16:00 MetaCentrum Training for Users: Tomáš Rebok – Masaryk University (interested participants only)