International Conference on Biomedical Ontology (ICBO 2022) Full Schedule

<u>Sunday, September 25, 2022</u>
(breakfast on your own)
Morning
Parallel Sessions
9:00 am – 12:30 pm   FOODON Hackathon Morning Session
9:00 am – 12:30 pm   LinkML Workshop/Tutorial

10:15 – 10:30 am   Coffee Break
12:30 – 1:30 pm   Lunch at Michigan League

Afternoon
Parallel Sessions
1:30 – 5:00 pm   FOODON Hackathon Afternoon Session
1:30 – 5:00 pm   First Workshop on the Role of Ontologies in Biomedical AI (ROBI)

3:00 – 3:15 pm   Coffee Break
5:00 – 7:00 pm   Campus Tour of University of Michigan

<u>Monday, September 26, 2022</u>
Morning
8:00 – 9:00 am   Breakfast at Michigan League

Parallel Sessions
9:00 am – 12:30 pm   OBO Tutorial: Using and Reusing Ontologies
9:00 am – 12:30 pm   FAIR Ontology Harmonization and TRUST Data Interoperability (FOHTI)

10:15 – 10:30 am   Coffee Break
12:30 – 1:30 pm   Lunch at Michigan League

Afternoon
Parallel Sessions
1:30 – 5:00 pm   Workshop on Ontology Tools and Workflows
1:30 – 5:00 pm   Financial and Legal Dimensions of Healthcare
1:30 – 5:00 pm   11th Vaccine and Drug Ontology Studies (VDOS-2022)

3:00 – 3:15 pm   Coffee Break
5:00 – 6:30 pm   Welcome Reception at Michigan League
6:30 – 7:30 pm   Keynote Talk: "Striving for semantic harmony across datasets, communities, and real-world data"
   Chris Stoeckert (60 minutes)

(Note that the 6th International Cells in Experimental Life Science Workshop, CELLS 2022, was held virtually on September 21, 2022. See website for details)

<u>Tuesday, September 27, 2022</u>
Morning Session

8:00 – 9:00 am	Breakfast at Michigan League
9:00 – 9:15 am	Welcome/Introduction
9:15 – 9:45 am	JBMS Journal Track Talk 1

"The Environmental Conditions, Treatments, and Exposures Ontology (ECTO): Connecting Toxicology and Exposure to Human Health and Beyond"
Lauren E. Chan (30 minutes)

9:45 – 10:15 am   JBMS Journal Track Talk 2

"A Comprehensive Update on CIDO: The Community-based Coronavirus Infectious Disease Ontology"
Yongqun "Oliver" He (30 minutes)

10:15 – 10:30 am   Coffee Break

10:30 – 10:55 am   "Exploring the Ontology of Pandemic"
C. Maria Keet (25 minutes)

10:55 – 11:20 am   "Coordinating Coronavirus Research: The Virus Infectious Disease Ontology"
John Beverley (25 minutes)

11:20 – 11:45 pm   "Classifying Animal Breeds with the Vertebrate Breed Ontology"
Sabrina Toro (25 minutes)

11:45 – 12:10 pm   "An Ontological Approach to Developing a Unified and Interdisciplinary Framework for Aging" Fumiaki Toyoshima (25 minutes)

12:10 – 12:30 pm   "Ontology representation for Cholangiocarcinoma"
Anuwat Pengput (20 minutes)

12:30 – 1:30 pm   Lunch at Michigan League

Afternoon Session

1:30 – 1:50 pm   "The Gaps in the Terminological Representation of the ACORN Social Determinants of Health Survey"
Melissa Resnick (20 minutes)

1:50 – 2:10 pm   "Using Ontologies to Enhance Data on Intimate Partner Violence"
William Hogan (20 minutes)

2:10 – 2:30 pm   "An ontology for healthcare systems"
Paul Fabry (20 minutes)

2:30 – 3:00 pm   "Perspectives on machine learning"
Jobst Landgrebe and Barry Smith (30 minutes)

3:00 – 3:15 pm   Coffee Break

3:15 – 4:00 pm	Invited Talk: "The coevolution of ontologies and knowledge-based analytics in bioinformatics" Robert Hoerndorf (45 minutes)
4:00 – 4:15 pm	BFO/ISO Celebration (15 minutes)
4:15 – 4:45 pm	Flash talks for posters/software demos (2 minutes each)
4:45 – 6:30 pm	Poster Session (*Note*: See the poster information in another document)
6:30 – 9:00 pm	Grill Party & Dinner at Island Park Shelter B Address: Island Park, 1420 Island Drive, Ann Arbor MI 48105 Note: This is ~ 1 mile walking distance from Michigan League (meeting venue) Island Park map: https://www.a2gov.org/departments/Parks-Recreation/park-rental/Documents/island%20park%20rec1%202022.pdf

Wednesday, September 28, 2022
Morning Session

8:00 – 9:00 am	Breakfast at Michigan League
9:00 – 9:15 am	"Introduction of CCBOT 2022: Chinese Conference on Biomedical Ontology and Terminology" Xiaolin Yang (15 minutes)
9:15 – 10:15 am	Keynote Talk: "The Importance of Ontologies to Connect Data, Enhance Software, and Create a Data and Digital Health Ecosystem" Susan Gregurick (60 minutes)
10:15 – 10:30 am	Coffee Break
10:30 – 10:55 am	"Ubergraph: integrating OBO ontologies into a unified semantic graph" James Balhoff (25 minutes)
10:55 – 11:20 am	"Development of an Image Data Set Class: Its Role in Biomedical Imaging and Neuroimaging Research" Alexander Bartnik (25 minutes)
11:20 – 11:45 pm	"Knowledge of the Ancestors: Intelligent Ontology-aware Annotation of Biological Literature using Semantic Similarity" Pratik Devkota (25 minutes)
11:45 – 12:10 pm	"Performance Summary Display Ontology: Feedback intervention content, delivery, and interpreted information" Zach Landis-Lewis (25 minutes)
12:10 – 12:30 pm	"Environmental Health Language Collaborative (EHLC): a route to environmental health science data harmonization" Anna Maria Masci (20 minutes)
12:30 – 1:30 pm	Lunch at Michigan League

Afternoon Session

1:30 – 2:00 pm	JBMS Journal Track Talk 3
	"Identification of missing hierarchical relations in the vaccine ontology using acquired term pairs"
	Warren Manuel (30 minutes)
2:00 – 2:20 pm	"OMOP-2-OPMI: Ontologization of OMOP CDM using OPMI to support clinical data interoperability and analysis"
	Long Tran (20 minutes)
2:20 – 2:40 pm	"An Ontological Representation of Money with a View Toward Economic Determinants of Health"
	Matthew Diller (20 minutes)
2:40 – 2:50 pm	Coffee Break
2:50 – 4:50 pm	OBO Foundry Town Hall (Operations and Governance Committees)
4:50 – 5:00 pm	Closing Remarks
5:00 – 7:00 pm	Hiking

Notes :
See more information on our ICBO 2022 website:
https://icbo-conference.github.io/icbo2022/

Please consider attending the companion event of the
Michigan Week of Ontology and Semantic Web:

4th U.S. Semantic Technologies Symposium (US2TS)
Sept. 29 - Oct. 1, 2022 at Michigan State University, East Lansing, MI, USA
(https://us2ts.org)

You may also consider attending a joint virtual conference:
Chinese Conference on Biomedical Ontology and Terminology (CCBOT 2022)
Sept. 28-29 (Beijing Time), 2022 in Beijing, China
(*note*: US Eastern Standard Time is 12 hours behind Beijing Time.)
(http://www.ontochina.org/ccbot2022/index_en.html)