

16th Community Wide Experiment on the
Critical Assessment of Techniques for Structure Prediction

CASP 16

Grand Palladium, Punta Cana, Dominican Republic
December 1-4, 2024

P R O G R A M

DAY 1: SUNDAY, DECEMBER 1

	Hotel registration	<i>Hemingway Bar</i>
3:30 PM	Meeting registration	<i>Conference Center</i>
4:30 PM	Welcome mixer	
5:40 PM	Opening session	Chair: Krzysztof Fidelis
5:40 PM	Welcome	Krzysztof Fidelis
5:45 PM	The CASP16 experiment (1)	John Moult
6:05 PM	The CASP16 experiment (2)	Andriy Kryshafovich
6:35 PM	CAMEO	Torsten Schwede
7:00 PM	CAID	Silvio Tosatto
7:20 PM	MassiveFold	Guillaume Brysbaert
7:30 PM	Session ends	
8:00 PM	Dinner	

ALL SESSIONS AT THE CONFERENCE CENTER

DAY 2: MONDAY, DECEMBER 2

7:00 AM	Breakfast	
8:40 AM	Monday morning session	Chair: John Moult
8:45 AM	Keynote 1	John Jumper
9:25 AM	Protein structure session	Chair: John Moult
9:25 AM	Assessor talks: Protein structure	Qian Cong /Nick Grishin /Marc Lensink
10:35 AM	Predictor talk 1: Multicom LLM; HUMAN; GATE	Jianlin Cheng
10:50 AM	Predictor talk 2: Yang group; Multimer; Server	Jianyi Yang
11:05 AM	Coffee break	
11:35 AM	Predictor talk 3: Elofsson group	Arne Elofsson
11:50 AM	Predictor talk 4: Kihara_lab	Daisuke Kihara
12:05 PM	Predictor talk 5: CLUSPRO	Dmytro Kozakov
12:20 PM	Accuracy estimation session	Chair: Andriy Kryshchak
12:20 PM	Assessor talk: Accuracy estimation	Randy Read /Alisia Fadini
1:05 PM	Lunch	
2:45 PM	Predictor talk 1: Plmfold	Wei Liu
3:00 PM	Predictor talk 2: Guijunlab Human; QA	Fang Liang
3:15 PM	Predictor talk 3: ModFOLDdock_2R; _2MQA	Liam McGuffin
3:30 PM	Predictor talk 4: Multicom LLM; HUMAN	Pawan Neupane
3:45 PM	Predictor talk 5: MIEnsembles-Server	Quancheng Liu
4:00 PM	Predictor talk 6: Shortle group	David Shortle
4:15 PM	Afternoon get-together: Poster session 1 and Flash talks 1	Junior CASP
6:00 PM	Monday evening session	Chair: Andriy Kryshchak
6:00PM	Keynote 2	David Baker
6:40 PM	Protein structure /accuracy discussion	Chair: Nick Grishin
7:30 PM	Session ends	
8:00 PM	Dinner	

ALL SESSIONS AT THE CONFERENCE CENTER

DAY 3: TUESDAY, DECEMBER 3

7:00 AM	Breakfast	
8:45 AM	RNA structure session	Chair: Minkyung Baek
8:45 AM	Assessor talk 1: RNA structure	Rachael Kretsch
9:15 AM	Assessor talk 2: RNA structure	Eric Westhof
9:45 AM	Predictor talk 1: Vfold	Shi-Jie Chen
10:00 AM	Predictor talk 2: GuangzhouRNA-human; -meta	Huang Lin
10:15 AM	Predictor talk 3: Kihara_lab	Daisuke Kihara
10:30 AM	Predictor talk 4: Yang_server	Wenkai Wang
10:45 AM	EM map analysis	Tom Mulvaney
11:00 AM	Coffee break	
11:30 AM	RNA structure discussion	Chairs: Rhiju Das /Rachael Kretsch /Eric Westhof
12:15 PM	Ligands session	Chair: Andras Fisher
12:15 PM	Assessor talk: Ligands	Michael Gilson /Jerome Eberhardt
1:05 PM	Lunch	
2:45 PM	Predictor talk 1: KozakovVajda; CLUSPRO	Sandor Vajda
3:05 PM	Predictor talk 2: Huang_HUST	Shengyou Huang
3:20 PM	Predictor talk 3: CoDock	Ren Kong
3:40 PM	Predictor talk 4: Haiping group	Haiping Zhang
3:55 PM	Predictor talk 5: MULTICOM_Ligand	Alex Morehead
4:15 PM	Afternoon get-together: Poster session 2 and Flash talks 2	Junior CASP
5:45 PM	Tuesday evening session	
6:00 PM	Ligands discussion	Chair: Michael Gilson
6:35 PM	SIGs and outreach discussion	Chairs: Arne Elofsson /Rachael Kretsch /Gaetano Montelione
7:05 PM	AI structure prediction: Final victory or just a start?	Chair: Maya Topf
7:35 PM	Session ends	
8:00 PM	Gala dinner	

GALA DINNER AT POSEIDON

DAY 4: WEDNESDAY, DECEMBER 4

7:00 AM	Breakfast	
8:45 AM	Ensembles and disorder	Chair: Ilya Vakser
8:45 AM	Assessment talk	Gaetano Montelione /Namita Dube
9:20 AM	Predictor talk: Zheng group	Wei Zheng
9:35 AM	Challenge /NMR data provider	Terry Oas
9:47 AM	SAXS data provider	Susan Tsutakawa
9:57 AM	Assessment talk: RNA /water	Rachael Kretsch
10:12 AM	Predictor talk 1: Bussilab_replex	Giovanni Bussi
10:24 AM	Predictor talk 2: southeRNA	Simon Pobleto
10:35 AM	Disorder challenges virtual discussion	Chairs: Rachael Kretsch /Terry Oas
11:15 AM	Coffee break	
11:45 AM	Ensembles and disorder discussion	Chair: Gaetano Montelione
12:20 PM	Predictors meeting	Chair: Krzysztof Fidelis
1:00 PM	CASP16 ends	
1:15 PM	Lunch	