

Percentage of speakers / participants to the courses of the ISCoC (2002 - 2024)

Year	Course	IUCr	Topic	#Speakers	F/M	% F	#participants	F/M	% F	#Countries	Countries
2024	59	Yes	Powder Diffraction: Advancing Real Materials in the Information Era Directors: Dave Billing (ZA) Matteo Leoni (SA) Dubravka Sisak-Jung (CH)	29	10/19	34.5%	75	31/44	41%	28	Argentina, Belgium, Benin, Croatia, Czech Republic, Denmark, France, Germany, Ghana, Italy, Kenya, Mexico, Morocco, Netherlands, Nigeria, Norway, Poland, Saudi Arabia, Slovakia, South Africa, Spain, Sweden, Switzerland, Thailand, UK, US, Uruguay, Venezuela.
2023	58	Yes	Structural drug design 2023: biology, chemistry, and computers Directors: Charlotte Deane (UK) Giovanna Scapin (US) Frank Von Delft (UK)	22	8/14	36%	81	35/46	43%	24	Australia, Belgium, Bulgaria, Brazil, China, Czech Republic, France, Germany, Greece, India, Israel, Italy, Japan, Mexico, Netherlands, Norway, Poland, Sweden, Switzerland, Turkey, UK, US.
2022	57	Yes	Diffuse scattering: the crystallography of dynamics, defects, and disorder Directors: Nozomi Ando (US) Andrew Goodwin (UK)	25 (1 online)	8/17	32%	57 (2 online)	27/30	47%	16	Australia, Brazil, Czech Republic, Denmark, France, Germany, Italy, Japan, Morocco, Netherland, Poland, Sweden, Switzerland, Turkey, US, UK.
2022	56	Yes	Crystallography under extreme conditions, the future is bright and very compressed Directors: Shanti Deemyad (US) Kamil Dziubek (IT) Helen Maynard-Casely (AU)	30 (2 online)	16/14	53%	60 (3 online)	36/24	60%	19	Australia, Brazil, Croatia, Czech Republic, France, Germany, Israel, Italy, Poland, Portugal, Russian Federation (online), Slovenia, Spain, South Africa, Sweden, Switzerland, Turkey, US, UK.
2021	55	Yes	Molecular Crystal Engineering – online Directors: Ulrich J. Griesser (AT) Matteo Lusi (IE) Lucia Maini (IT)	27	8/19	30%	61	31/30	51%	23	Argentina, Austria, Belgium, Brazil, Canada, Croatia, Czech Republic, Germany, Estonia, France, Ireland, Israel, Italy, Latvia, Mexico, Morocco, Poland, South Africa, Spain, US, UK.
2020	--	--	Structural Drug Design 2020: Biology, Chemistry and Computers	The course has been postponed to 2023 because of the COVID19 pandemic.						--	
2019	54	No	Cryo 3D Electron Microscopy Directors: Dorit Hanein (US) Steven Ludtke (US) Stefan Rauser (DE)	21	4/17	19%	53	21/32	40%	16	Argentina, Austria, Australia, Brazil, Czech Republic, Germany, Denmark, Spain, Finland, France, UK, Italy, Netherlands, Norway, Poland, US.
2019	53	Yes	Magnetic Crystallography Directors: Branton J. Campbell (US) Maria T. Fernandez-Diaz (FR) Juan Manuel Perez-Mato (ES)	17	3/14	18%	57	23/34	40%	17	Argentina, Belgium, Brazil, Switzerland, Denmark, Germany, Spain, France, UK, India, Italy, Netherlands, Norway, Poland, Russian Federation, Sweden, US.
2018	52	Yes	Quantum Crystallography Directors: Dylan Jayatilaka (AU) Piero Macchi (CH)	25	1/24	4%	56	25/31	45%	16	Australia, Brazil, China, Denmark, France, Germany, India, Italy, Poland, Russian Federation, Singapore, Spain, Sweden, Switzerland, UK, US.
2018	51	Yes	Electron Crystallography Directors: Joke Hadermann (BE) Lukas Palatinus (CZ) Andrew Stewart (IE)	18	5/13	28%	55	25/30	45%	24	Austria, Belgium, Croatia, Czech Republic, Denmark, France, Germany, India, Ireland, Israel, Italy, Japan, Netherlands, Poland, Russian Federation, Singapore, Slovakia, Slovenia, Spain, Sweden Switzerland, Ukraine, UK, US.
2017	50	Yes	Integrative Structural Biology Directors: E. Yvonne Jones (UK) Jennifer Martin (AU)	29	13/16	45%	110	53/57	48%	27	Australia, Austria, Belgium, Brazil, Canada, Croatia, Czech Republic, Denmark, France, Germany, India, Ireland, Italy, Netherlands, Norway, Poland, Portugal, Puerto Rico, Serbia, Singapore, Slovenia, South Africa, Spain, Sweden, Switzerland, UK, US.
2016	49	Yes	High Pressure Crystallography: Status Artis and Emerging Opportunities Directors: Francesca P. A. Fabbiani (DE) John B. Parise (US)	20	7/13	35%	67	28/39	42%	17	Algeria, Argentina, Brazil, China, France, Germany, India, Italy, Poland, Spain, Sweden, Switzerland, Taiwan, Turkey, UK, US, Uzbekistan.

			Malcolm Guthrie (SE)								
2015	48	Yes	Engineering Crystallography: from Molecule to Crystal to Functional Form Directors: Kevin Roberts (UK) Rui Tamura (JP) Robert Docherty (UK)	21	3/18	14%	88	44/44	50%	34	Argentina, Austria, Belgium, Brazil, Cameroon, Costa Rica, Croatia, Denmark, Egypt, France, Finland, Germany, Greece, India, Ireland, Israel, Italy, Japan, Malaysia, Malta, Morocco, Netherlands, Poland, Portugal, South Africa, Spain, Sweden, Switzerland, Turkey, United Arab Emirates, UK, Ukraine, US, Uzbekistan.
2014	47	Yes	Structural Basis of Pharmacology: Deeper Understanding of Drug Discovery through Crystallography Directors: Eddy Arnold (US) Robert Strout (US) Richard Pauptit (DK) Giovanna Scapin (US)	21	4/18	19%	129	53/76	41%	33	Albania, Australia, Austria, Belgium, Brazil, Canada, Croatia, Czech Republic, Denmark, Finland, France, Germany, Greece, India, Ireland, Israel, Italy, Japan, Malta, Mexico, New Zealand, Nigeria, Norway, Poland, Portugal, Republic of Korea, Russian Federation, Singapore, Slovenia, Spain, Sweden, UK, US.
2013	46	Yes	The Future of Dynamic Structural Sciences Directors: Andrei V. Churakov (RU) Judith A. K. Howard (UK) Paul Raithby (UK) Hazel A. Sparkes (UK)	20	6/14	30%	57	17/40	30%	22	Australia, Czech Republic, Denmark, Egypt, France, Germany, Hungary, India, Italy, Japan, Mexico, Russian Federation, Spain, Sweden, Switzerland, Turkey, UK, United Arab Emirates, UK, US, Uzbekistan, Venezuela.
2012	45	Yes	Present and Future Methods in Macromolecular Crystallography Directors: Vladimir Y. Lunin (RU) Randy J. Read (UK) Alexandre Urzhumtsev (FR)	34	4/30	20%	103	39/64	38%	30	Australia, Austria, Azerbaijan, Belgium, Brazil, Canada, Croatia, Czech Republic, Denmark, Finland, France, Germany, Greece, India, Israel, Italy, Japan, Mexico, Netherlands, Nigeria, Norway, Poland Portugal, Slovakia, Slovenia, Spain, Sweden, UK, Uruguay, US.
2011	44	Yes	The Power of Powder Diffraction Directors: William (Bill) I. F. David (UK) Kenneth Shankland (UK)	29	5/24	17%	129	43/86	33%	34	Australia, Brazil, China, Colombia, Croatia, Czech Republic, Denmark, Egypt, Finland, France, Georgia, Germany, Hungary, India, Israel, Italy, Japan, Kenya, Latvia, Malaysia, Malta Mexico, Mongolia, Nigeria, Norway, Poland, Russian Federation, Slovenia, South Africa, Sweden, Turkey, UK, US, Viet Nam.
2011	43	Yes	Electron Crystallography: New Methods to Explore Structure and Properties of the Nano World Directors: Anatoly Avilov (RU) Ute Kolb (DE) Louisa Meshi (IL)	36	5/31	13%	69	25/44	36%	31	Austria, Belgium, China, Czech Republic, Denmark, Finland, France, Germany, Hungary, India, Iran, Israel, Italy Republic of Korea, Mexico, Netherlands, Nigeria, Norway, Poland, Romania, Russian Federation, Slovakia, Slovenia, South Africa, Sweden, Switzerland, Thailand, Turkey, Ukraine, US, Viet Nam
2010	42	Yes	Structure and Function from Macromolecular Crystallography: Organisation in Space and Time Directors: Tom L. Blundell (UK) M. Armenia Carrondo (PT)	43	10/33	23%	123	50/73	41%	32	Australia, Austria, Belgium, Brazil, Canada, Croatia, Czech Republic, Denmark, Estonia, France, Germany, India, Israel, Italy, Japan, Latvia, Lithuania, Netherlands, New Zealand, Norway, Pakistan, Poland Portugal, Russian Federation, Singapore, Slovenia, South Africa, Spain, Switzerland, UK, US.
2009	41	Yes	High Pressure Crystallography: From Novel Experimental Approaches to Applications in Cutting-Edge Technologies Directors: Elena Boldyreva (RU) Przemyslaw Dera (US)	46	8/38	17%	122	44/78	36%	21	Belarus, Brazil, China, Colombia, Czech Republic, France, Germany, India, Israel, Italy, Netherlands, Nigeria, Poland, Portugal, Russian Federation, South Africa, Spain, Sweden, UK, US.
2008	40	Yes	From Molecules to Medicine: Integrating Crystallography in Drug Discovery Directors: Colin Groom (UK) Joel Sussman (IL)	29	6/23	21%	128	50/78	39%	30	Australia, Austria, Belgium, Brazil, Croatia, Denmark, France, Germany, Greece, India, Israel, Italy, Japan, Latvia, Lithuania, Malaysia, Netherlands, New Zealand, Norway, Poland, Portugal, Russian Federation, Slovenia, South Africa, Spain, Sweden, Switzerland, Turkey, UK, US, Viet Nam.
2007	39	yes	Engineering of Crystalline Materials Properties: State-of-the-Art, Design and Applications	24	10/14	41%	124	54/70	43%	26	Australia, Austria, Brazil, Bulgaria, Croatia, Egypt, France, Germany, Greece, India, Iran, Israel, Italy, Japan,

			Director: Juan J Novoa (ES) Co-Directors: Lia Addadi (IL) Dario Braga (IT)								Mexico, Netherlands, Poland, Portugal, Russian Federation, Slovenia, South Africa, Spain, Sweden, Switzerland, UK, US
2006	38	yes	Structure and Function of Large Molecular Assemblies Director: Michael Rossmann (US) Co-Director: Vadim V. Mesyanzhinov (RU)	25	4/21	16%	202	55/14 7	37%	33	Armenia, Australia, Belarus, Canada, Chile, Croatia, Finland, France, Georgia, Germany, India, Israel, Italy, Japan, New Zealand, Nigeria, Poland, Portugal, Romania, Russian Federation, Singapore, Slovenia, South Korea, Spain, Sweden, Switzerland, Taiwan, Turkey, UK, Ukraine, USA, Uzbekistan, Vietnam
2005	37	yes	Evolving Methods for Macromolecular Crystallography Directors: Randy J. Read (UK) Joel Sussman (IL)	32	6/26	19%	124	49/75	39%	33	Argentina, Australia, Austria, Brazil, Canada, Croatia, Denmark, Greece, Finland, France, Germany, India, Israel, Italy, Mexico, Netherlands, New Zealand, Norway, Poland, Portugal, Russian Federation, Singapore, Slovenia, South Africa, South Korea, Slovenia, Spain, Sweden, Syria, Taiwan, UK, Ukraine, USA
2004	36	yes	Diversity amidst Similarity Directors: Joel Bernstein (IL) Raymond E. Davis (US)	23	5/18	22%	123	52/71	42%	26	Argentina, Australia, Austria, Brazil, Canada, Croatia, Czech Republic, France, Germany, Hungary, India, Ireland, Israel, Italy, Netherlands, Poland, Russian Federation, South Africa, Spain, Sweden, Switzerland, Syria, Turkey, UK, Ukraine, USA
2004	35	yes	Electron Crystallography Directors: Janos Labar (HU) Thomas Weirich (DE) Xiaodong Zou (SE)	22	5/17	23%	81	24/57	29%	27	Austria, Belgium, Bulgaria, Canada, China, Croatia, Egypt, Finland, France, Germany, Hungary, Israel, Italy, Japan, Netherlands, Poland, Romania, Russian Federation, Slovakia, South Africa, Spain, Sweden, Switzerland, Turkey, UK, Ukraine, USA
2003	34	yes	High Pressure Crystallography Directors: Andrzej Katrusiak (PL) Paul McMillan (UK)	31	3/38	9%	92	31/61	33%	19	Canada, Denmark, Egypt, France, Germany, Greece, India, Iran, Israel, Italy, Poland, Russian Federation, Spain, Sweden, Switzerland, Turkey, UK, Ukraine, USA
2002	33	yes	From Genes to Drugs via Crystallography Director: Neera Barkakoti (Medivir)	31	8/23	26%	161	60/10 1	37	30	Canada, Denmark, Egypt, France, Germany, Greece, India, Iran, Israel, Italy, Poland, Russian Federation, Spain, Sweden, Switzerland, Turkey, UK, Ukraine, USA