

International Multidisciplinary Conference «Frontiers of 21st Century Physics and Ioffe Institute» (October 29 – November 1, 2018)

	October 29, 2018	October 30, 2018	October 31, 2018	November 1, 2018
	Opening session	Spintronics and topological insulators	Novel materials	Excitons, Spins, Magneto-optics
9:30	Opening remarks			
10:00	9:40 Zh.I. Alferov <i>SPbAU, Russia</i>	D.R. Yakovlev <i>TU Dortmund, Germany</i>	Al.A. Efros <i>U.S. Naval Research Laboratory, USA</i>	M. Bayer <i>TU Dortmund, Germany</i>
10:25	V.B. Timofeev <i>ISSP RAS, Russia</i>	M.M. Glazov <i>Ioffe Institute, Russia</i>	A.A. Saranin <i>IACP FEB RAS, Russia</i>	T. Rasing <i>Radboud University, The Netherlands</i>
10:50	M.I. Dyakonov <i>University Montpellier II, France</i>	S.D. Ganichev <i>University of Regensburg, Germany</i>	B. Gil <i>University Montpellier II, France</i>	D. Weiss <i>University of Regensburg, Germany</i>
11:15	A.V. Krasilnikov <i>Project Center ITER, Russia</i>	S.A. Tarasenko <i>Ioffe Institute, Russia</i>	A.T. Burkov <i>Ioffe Institute, Russia</i>	A. Kimel <i>Radboud University, The Netherlands</i>
11:40	Coffee-break	Coffee-break	Coffee-break	Coffee-break
	Astrophysics	Carbon nanostructures	MBE: basic research and applications	Closing session
12:00	L.M. Zelenii <i>Space Research Institute, Russia</i>	E. Osawa <i>NanoCarbon Research Institute Ltd., Japan</i>	K. Ploog <i>PDI for Solid State Electronics, Germany</i>	G.Ya. Krasnikov <i>JSC MERI, Russia</i>
12:25	F. Aharonian <i>DIAS, Ireland</i>	A.L. Vikharev <i>IAP RAS, Russia</i>	V. Umanskii <i>Weizmann Institute, Israel</i>	I.V. Grekhov <i>Ioffe Institute, Russia</i>
12:50	R.L. Aptekar <i>Ioffe Institute, Russia</i>	M. Endo <i>Shinshu University, Japan</i>	K. Kishino <i>Sophia University, Japan</i>	Z.F. Krasilnik <i>IPM RAS, Russia</i>
13:15	A. De Angelis <i>INF Padova, Italy</i>	T. Enoki <i>Tokyo Institute of Technology, Japan</i>	M.V. Yakushev <i>ISP SB RAS, Russia</i>	R.A. Syunaev <i>Space Research Institute, Russia</i>
13:40	Lunch	Lunch	Lunch	Closing remarks
	Semiconductor photonics	Energy conversion and storage	Plasma physics	13:50 Lunch
15:00	R. Dupuis <i>Georgia Institute of Technology, USA</i>	V.M. Andreev <i>Ioffe Institute, Russia</i>	T. Donne <i>EUROfusion, Germany</i>	15:15 Meeting of the Research Council of Ioffe Institute dedicated to the 100-Year Anniversary with invited talks of Honorary Members of the Institute Prof. H. Amano (<i>Nagoya University, Japan</i>) K.M. Salikhov (<i>KPhTI, Russia</i>)
15:25	S.V. Ivanov <i>Ioffe Institute, Russia</i>	H. Mariette <i>Institute Neel CNRS, France</i>	A.G. Litvak <i>IAP RAS, Russia</i>	
15:50	J. Faist <i>ETH Zurich, Switzerland</i>	E.I. Terukov <i>Ioffe Institute, Russia</i>	F. Wagner <i>Max Planck Institut für Plasmaphysik, Germany</i>	
16:15	V.M. Ustinov <i>Ioffe Institute, Russia</i>	A.Ya. Vul'f <i>Ioffe Institute, Russia</i>	V.K. Gusev <i>Ioffe Institute, Russia</i>	
16:40	Coffee-break	Coffee-break	V.G. Kiptily <i>Culham Centre for Fusion Energy, UK</i>	
	THz photonics and physics of multi-electron systems	Poster session of young scientists of Ioffe Institute Presentations of Sponsor Companies	17:05 Coffee-break	
17:00	E. Rafailov <i>Aston University, UK</i>		Biophysics, life sciences and organic electronics	
17:25	M.Ya. Amusia <i>The Hebrew University, Israel</i>		K.M. Lebedinskii <i>NWSMU, Russia</i>	
17:50	V.I. Gavrilenko <i>IPM RAS, Russia</i>		S.V. Medvedev <i>IHB RAS, Russia</i>	
18:15	D.R. Khokhlov <i>MSU, Russia</i>		V.G. Golubev <i>Ioffe Institute, Russia</i>	