

Technical meeting on conceptual design of prospective high-current heavy-ion cw-LINAC for RIB research at JINR

International Conference Hall, JINR, Dubna, 7-8 February 2019

Meeting agenda

Day 1: Welcome, motivation, scientific program and LINAC-100 preliminary design

Topic	Time	Title and abstract	Name and affiliation
Morning meeting for “early comers”	9:30	Round table in room 250, FLNR	Please inform organizers if you are willing to visit FLNR in the morning (admittance to JINR territory is required)
	11:00	Excursion to FLNR facilities	
Break 12:00 - 14:00 (Lunch)			
Intro- duction <i>Chair - Andrey Popeko</i>	13:00	Registration starts (in front of Conference Hall).	
	14:00	Welcome / opening (10 min)	V. Matveev / S. Dmitriev
	14:10	Long-term prospective projects at JINR (15+5 min)	R. Lednicky
	14:30	Long-term scientific program of RIB research at JINR (20+5 min)	L. Grigorenko
	14:55	Radioactive ion beams for the fission study of heavy neutron-rich nuclei (20+5 min)	G. Ter-Akopian
Break 15:20 - 16:00 (coffee)			
LINACs and DFS reports <i>Chair - Sergey Sidorchuk</i>	16:00	Progress of the LINAC-100 conceptual design (20/20+10 min)	S. Polozov / T. Kulevoy
	16:50	Expertise to produce niobium resonators (10 min)	V. Zaleski
	17:00	Vision of prospective high-current cw-LINAC (15/15+10 min)	W. Barth / S. Yaramyshev
	17:40	Key questions to be discussed and clarified for prospective LINACs (20+20)	A. Facco
	18:20	Presentation of the draft of workshop recommendation to JINR PAC (10 min)	A. Fomichev
	18:30	Stand-up party	

Day 2: Ion sources and fragment separator. Prospects: gas stopping, RIB reacceleration, ring branch. LINAC-100 discussions.

Topic	Time	Title and abstract	Name and affiliation
Prospects <i>Chair - Leonid Grigorenko</i>	9:30	Status of the high-intensity ion source program at FLNR (15+5)	A. Efremov
	9:50	Fragment-separators for high-intensity primary beams (25+5 min)	H. Simon
	10:20	On development of gas-stopping systems (15+5 min)	A. Rodin
Break 10:40 - 11:10 (coffee)			
Prospects <i>Chair - Igor Meshkov</i>	11:10	RIB reacceleration and SCRF development at TRIUMF (25+5 min)	V. Zvyagintsev
	11:40	Status and long-range prospects of ring physics (25+5 min)	Yu. Litvinov
	12:20	Possible ring branch design (15/15+5 min)	P. Shatunov / H. Simon
Break 12:55 - 14:00 (lunch)			
	14:00	Bevatech GmbH HILac, LILac & MYRRHA (10 min)	B. Koubek
LINACs discussion <i>Chair - Boris Sharkov</i>	14:10	Report of the referees (15/15 + 10 min)	A. Kolomiets / V. Paramonov
	14:50	Round table	Moderator: B. Sharkov
	16:00	Summary. Finalization of the workshop recommendation to JINR PAC. Announcement of the next workshop on this topic (22-23 August 2019, Kolymbari, Crete) https://indico.cern.ch/event/754973/overview	B. Sharkov

Participant list

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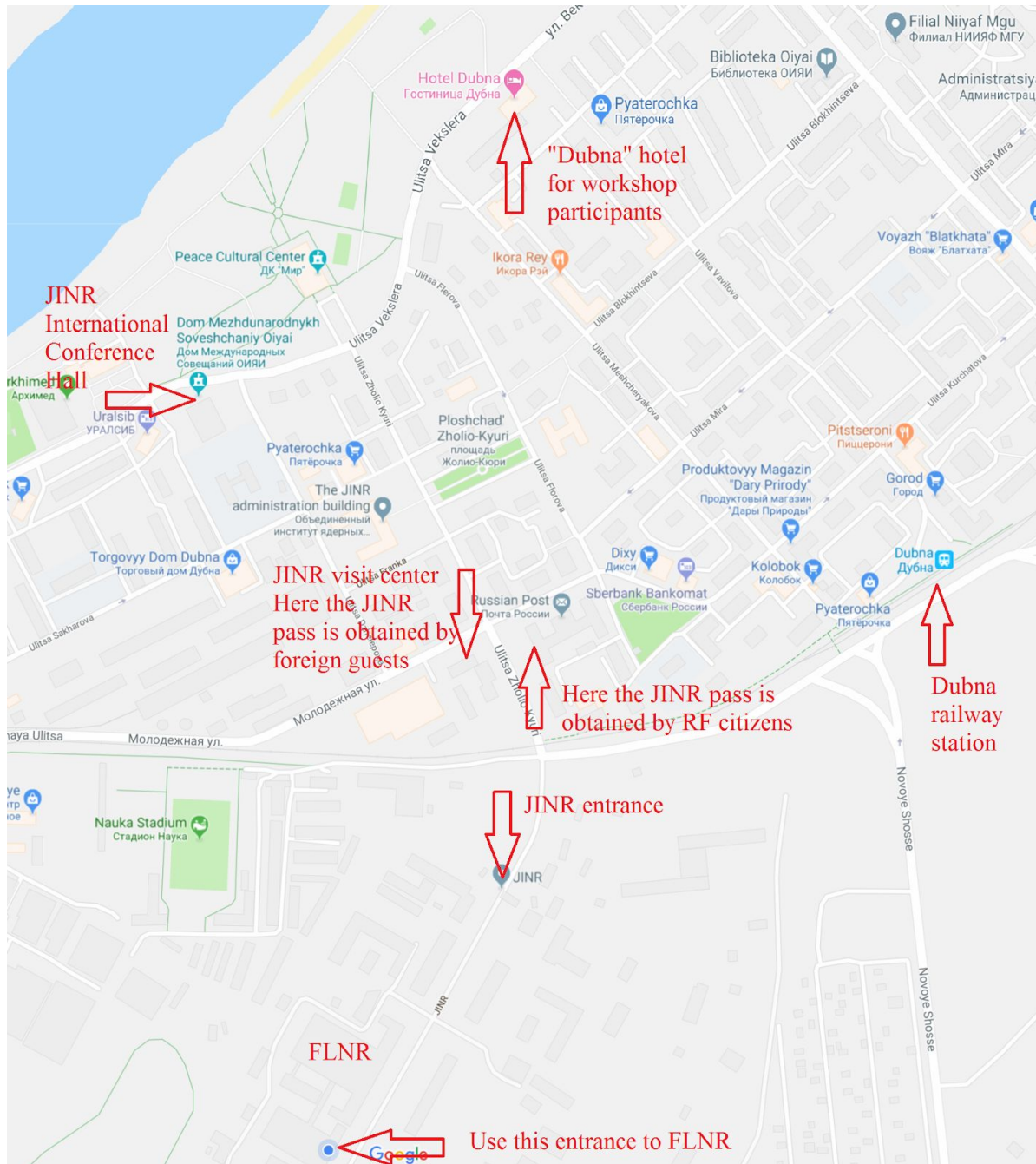
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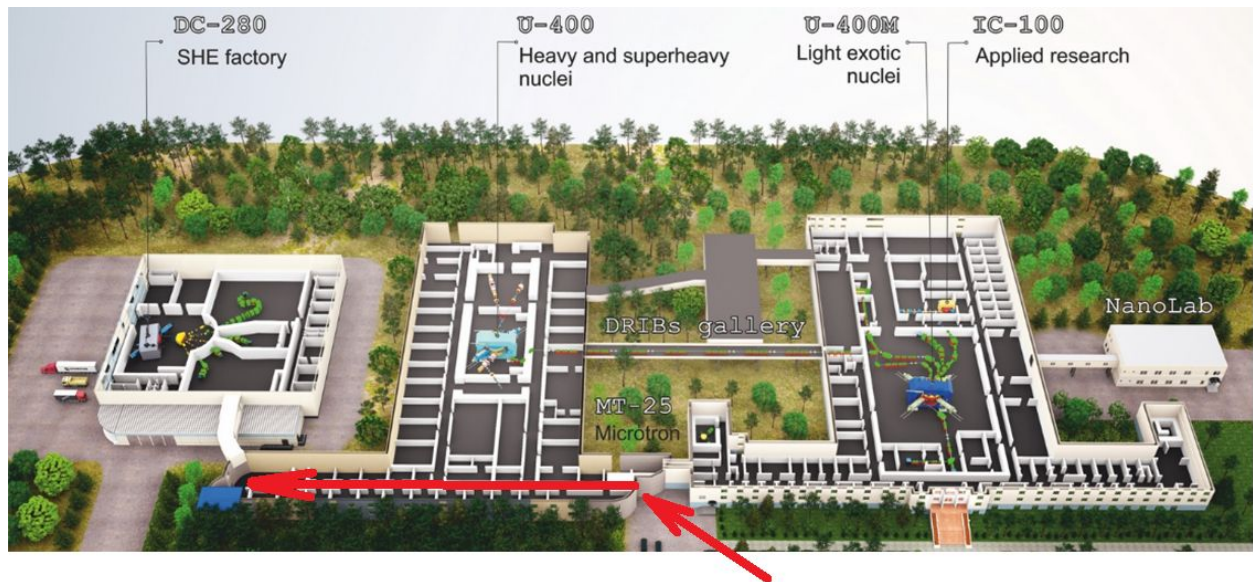
Finding JINR International Conference Hall and visiting FLNR in the morning February 7

How to find JINR International Conference Hall and FLNR in the world.

For those coming to workshop by train. Pay attention that some trains now have the final stop “Bolshaya Volga” (~4 km from the Conference hall). Transportation to the International Conference Hall or “Dubna” hotel from this station by taxi (which is quite cheap in Dubna) should cost you not more than 80 rub.



How to find room 250 in FLNR building 131 (the room is located on the 2nd floor, namely just under 3rd floor FLNR cafeteria):



Enter here and go to the end of the corridor on the second floor