PRELIMINARY PROGRAM SHE 2017

No.	Start	Name	Affiliation	Time
	time	Title		

The time allocated for a talk includes discussion.

SUNDAY, 10.09

18:00	Dinner		
	SUNDAY EVENING		
	Chairman: Krzysztof Pomorski		
	Opening		
1 19:00	Michał Warda	UMCS, Lublin	25
	Michał Kowal	NCBJ, Warsaw	
	Sergey Dmitriev	JINR, Dubna	
	Welcome address		
2 12 25		00011 0 1 011	
2 19:25	Krzysztof Rykaczewski	ORNL, Oak Ridge	5
	Program of the Symposium		
3 19:30	Vivi Oganassian	IIND Dubna	30
3 19:30	Yuri Oganessian Mikhail Itkis	JINR, Dubna	30
	Sigurd Hofmann	JINR, Dubna GSI, Darmstadt	
	Walter Greiner Memorial	dsi, Dariistaut	
	waiter Greiner Wemonai		
	Future SHE facilities		
4 20:00	Sergey Dmitriev	JINR, Dubna	20
	Dubna super heavy elements factor		
5 20:20	Hideto En'yo	RIKEN Nishina Center	20
	RIKEN RI Beam Factory and future S	SHE experiment	
6 20:40	Marek Lewitowicz	GANIL, Caen	20
	The GANIL-SPIRAL2 facility		

MONDAY, 11.09

8:00 Breakfast

		MONDAY MORNING 1		
		Chairman: tbd		
		Future of the SHE research		
1	9:00	Witold Nazarewicz	Michigan State University	30
		Superheavy Element Research: Pers	pectives	
2	9:30	Yuri Oganessian	JINR, Dubna	30
		Experimental studies of SHE		
3	10:00	Peter Schwerdtfeger	NZIAS, Auckland	30

10:30 Coffee break

	MONDAY MORNING 2		
	Chairman: tbd		
	Status reports and new re-	sults	
1 10:45	James Roberto	ORNL, Oak Ridge	25
	Actinide targets for superheavy ele	ments research and discovery	
2 11:10	Vladimir Utyonkov	JINR, Dubna	25
	Study of neutron-deficient nuclei in	the ^{239,240} Pu+ ⁴⁸ Ca reactions	
2 44 25			
3 11:35	Kouji Morimoto	RIKEN, Tokyo	25
3 11:35	Status and future plan of SHE expe	<u> </u>	25
4 12:00	•	<u> </u>	25
	Status and future plan of SHE expe	riment at RIKEN	
	Status and future plan of SHE expe Michael Block SHE research at GSI Darmstadt	riment at RIKEN	

13:00	Lunch
	MONDAY AFTERNOON 1
15:00	Parallel sessions 1A, 1B, 1C
16:15	Coffee break
	MONDAY AFTERNOON 2
16:30	Parallel sessions 2A, 2B, 2C
18:30	Dinner

TUESDAY, 12.09

8:00	Breakfast
	TUESDAY MORNING 1
9:00	Parallel sessions 3A, 3B
9.00	Parallel sessions 3A, 3B

10:30 Coffee break

	THECDAY MODNING 2		
	TUESDAY MORNING 2		
	Chairman: tbd		
	Fission mechanism		
1 10:50	Katsuhisa Nishio	JAEA, Tokai	25
	Fission studies using multi-nucleon t	ransfer reactions	
2 11:15	Janusz Skalski	NCBJ, Warsaw	25
	Fission of SHN & its hindrance: odd	particle systems and isomers	
3 11:40	Nicolae Carjan	JINR, Dubna	25
	Pre-scission model predictions of fis.	sion fragment mass distribution for ve	ry
	heavy and superheavy elements		
4 12:05	Nicolas Schunck	LLNL, Livermore	25
	Microscopic description of nuclear f	ission: application to the stability of	
	superheavy elements		
5 12:30	Michał Warda	UMCS, Lublin	25
	Cluster radioactivity in super heavy	nuclei	

13:00 Lunch

	TUESDAY AFTERNOON 1	
	Chairman: tbd	
	SHE synthesis	
1 15:00	Sait Umar	Vanderbilt University 25
	Dynamics of heavy-systems using TL	DDFT
2 15:25	Krystyna Siwek-Wilczyńska	University of Warsaw 25
	Predictions of the production cross s	ections for new superheavy nuclei in the
	range of atomic numbers 113 - 120	
3 15:50	Gurgen Adamian	JINR, Dubna 25
	Ways to produce new isotopes of su	perheavy nuclei in neutron and charged
	particle evaporation channels	
4 16:15	Alexander Karpov	JINR, Dubna 25
Production of neutron-rich nuclides in multinucleon transfer reaction		in multinucleon transfer reactions

16:40 Coffee break

	TUESDAY AFTERNOON 2		
	Chairman: tbd		
	Structure of ground and ex	cited states in SHE	
1 16:55	Michał Kowal	NCBJ, Warsaw	25
	Structure of ground and excited stat	es in SHE from deformed Woods-Saxor	1.
2 17:20	Anatoli Afanasjev	Mississipi State University	25
	Superheavy nuclei in covariant dens	ity functional theory	
3 17:45	Rolf-Dietmar Herzberg	University of Liverpool	25
	Isomerism in the heaviest nuclei		
4 18:10	Alexander Eremin	JINR, Dubna	25
	Spectroscopy of the isotopes of tran	sfermium elements in Dubna: present	
	status and perspectives		
5 18:35	Guy Savard	Argonne National Laboratory	25
	Single ion manipulation techniques	for SHE studies	
6 19:00	Galina Knyazheva	JINR, Dubna	25
		e systems with Z=114: transition from	
	heavy-ion reactions involving Ca to	Ті	

WEDNESDAY, 13.09

8:00 Breakfast

		WEDNESDAY MORNING 1		
		Chairman: tbd		
		Atomic structure of SHE		
1	9:00	Heinz Gäggeler	PSI, Villigen	25
		Half a century gas phase chemistry	with SHE - past, present, future	
4	9:25	Yuichiro Nagame	JAEA, Tokai	25
		First ionization potentials of the hea	viest elements	
3	9:50	Robert Eichler	PSI, Villigen	25
		Prospects of gas phase chemistry wi	th SHE	
4	10:15	Kenneth Gregorich	LBNL, Berkeley	25
		Preparations for heavy element gas-	phase ion chemistry	

10:40 Coffee break

	WEDNESDAY MORNING 2	
	Chairman: tbd	
	Theory	
1 10:55	Piotr Magierski What we can learn on superheavy n functional theory	Warsaw University of Technology 25 uclei from time dependent density
2 11:20	Peter Moller Reliability of FR(L)DM model predict reactions	P. Moller Scientific Computing 25 ions of SHE stability and optimum fusion
3 11:45	Gurgen Ter-Akopyan About the possibility to acquire data superheavy nuclei produced in quast	JINR, Dubna 25 on fission characteristics of neutron-rich i-elastic transfer reactions.
4 12:10	Krzysztof Pomorski Potential Energy Surfaces of Heavy o	UMCS, Lublin 25 and Super Heavy Nuclei in the 4D

13:00 Lunch

	WEDNESDAY AFTERNOON	1	
	Chairman: tbd		
	Reports of prallel sessions		
1 15:00	Fritz Peter Heßberger	GSI, Darmstadt	15
	1A: New approches to production a	nd studies of SHE	
2 15:15	Michael Block	GSI/HIM/JGU	15
	1B: Beams and targets		
3 15:30	Jacklyn Gates	LBNL, Berkeley	15
	1C: Detectors		
4 15:45	Luis Robledo	UAM, Madrid	15
	2A: Theoretical description of SHE		
5 16:00	Gottfried Münzenberg	GSI, Darmstadt	15
	2B: Acceleration and separation		
6 16:15	Dieter Ackermann	GANIL, Caen	15
	2C: Spectroscopy of SHE		
7 16:30	David Hinde	Australian National University	15
	3A: Fusion of SHE		
8 16:45	Heinz Gäggeler	PSI, Villigen	15
	3B: Atomic structure and chemistry		

17:00 Coffee break

	WEDNESDAY AFTERNOON 2		
	Chairman: tbd		
	Symposium summary		
1 17:15	Witold Nazarewicz	Michigan State University	1:15
	Yuri Oganessian	JINR, Dubna	
	Round table discussion		

19:00	Conference Dinner
	Flerov Awards for Witek Nazarewicz, Vladimir Utyonkov and James Roberto

	THURSDAY, 14.09
7:00	Breakfast
8:00	Bus #1 departure to Warsaw
9:00	Bus #2 departure to Warsaw