

4th International Conference on the Periodic Table endorsed by IUPAC

July 26–28/2019
Saint Petersburg



abocr



MEL
Science



08:20 – 09:40 **REGISTRATION**

09:40 – 10:00 **OPENING**

10:00 – 10:35 JORDI JOSÉ “Stellar alchemy of the elements” (Astronomy & Astrophysics)

10:35 – 11:25 HIDEITO EN’YO “History of nihonium” (Nuclear Physics)

11:25 – 11:45 VERONIKA ELKINA “Discovery countries of elements” (Chemistry)

11:45 – 12:35 **PHOTO SESSION**

12:35 – 13:35 **LUNCH**

13:35 – 14:10 EUGENE BABAEV “Periodic laws in the sciences” (Chemistry)

14:10 – 14:45 SHIV N. KHANNA “Superatoms” (Physics)

14:45 – 15:05 ELENA GINAK “Mendeleev and metrology” (History)

15:05 – 15:25 BARTOSZ TRZASKOWSKI “Ruthenium” (Chemistry)

15:25 – 15:55 **COFFEE BREAK**

15:55 – 16:30 EVAMARIE HEY-HAWKINS “Phosphorus” (Chemistry)

16:30 – 17:05 ELENA GHIBAUDI “Primo Levi’s *The PT*” (Chemistry)

17:05 – 18:00 ERIC SCERRI “Historical development of the PT” (History & Philosophy)

18:30 – 21:00 **BANQUET**

09:00 – 09:20 GUILLERMO RESTREPO “1860’s perspective of the PT” (Chemistry)

09:20 – 09:55 NAUM IMYANITOV “New periodicity and equation” (Chemistry)

09:55 – 10:45 PEKKA PYYKKÖ “The PT today and tomorrow” (Theoretical Chemistry)

10:45 – 11:10 **Q & A**

11:10 – 11:25 **IYPT 2019**

11:25 – 12:00 CHRISTOPHER H. HENDON “Mimicking precious metals” (Theoretical Chemistry)

12:00 – 12:35 JUN LI “Periodicity in heavy elements” (Physics)

12:35 – 13:35 **LUNCH**

13:35 – 14:10 IGOR DMITRIEV “Mendeleev’s *sublime generalization*” (History)

14:10 – 14:30 KEITH PANNELL “Adventures with group 14” (Chemistry)

14:30 – 15:20 VIKTOR VYATKIN “Spin-orbital exclusion and the PT” (Theory of Information)

15:20 – 15:50 **COFFEE BREAK**

15:50 – 18:30 **EXHIBITION & POSTER SESSION**

09:00 – 09:20 NATALIA TARASOVA “Presentation of IUPAC” (Chemistry)

09:20 – 09:55 MIKHAIL KURUSHKIN “Brilliant overlooked PTs” (Chemistry Education)

09:55 – 10:45 PETER ATKINS “Foundations of the PT” (Chemistry Education)

10:45 – 11:05 THOMAS BRISTOL “Thermodynamics of the PT” (Chemistry)

11:05 – 11:40 W. H. EUGEN SCHWARZ “Trends in the PT” (Theoretical Chemistry)

11:40 – 12:15 MEI-HUNG CHIU “Public understanding of the PT” (Chemistry Education)

12:15 – 12:35 **IUPAC 100**

12:35 – 13:35 **LUNCH**

13:35 – 14:10 MICHELLE FRANCL “Isotopes and the PT” (Chemistry)

14:10 – 14:45 DANIEL RABINOVICH “A philatelic tour of the PT” (Chemistry)

14:45 – 15:20 DAVID AVNIR “Chirality, life, and the PT” (Chemistry)

15:20 – 15:50 **COFFEE BREAK**

15:50 – 16:25 ARTEM OGANOV “Extreme chemistry and the PT” (Theoretical Crystallography)

16:25 – 16:45 PLATON KACHALIN “Astrophysics of chemistry” (Astrophysics)

16:45 – 17:35 DAVID SEABORG “Seaborg and the PT” (Evolutionary Biology)

17:35 – 18:00 **CLOSING**