

The International Workshop on Atomic Parity Violation (APV2022)

November 28 (Mon.)

Session 1: 21:00 - 23:00 (JST)	Chair: N. Mahajan
Jens Erler (Mainz Univ.)	30 + 10
“Recent Developments in Electroweak Precision Physics”	
Hubert Spiesberger (Mainz Univ.)	30 + 10
“Beyond the Standard Model: Constraints From Atomic Parity Violation”	
Daniel Elliott (Purdue Univ.)	30 + 10
“Experimental Investigations Leading to a New APV Measurement in Atomic Cesium”	

November 29 (Tue.)

Session 2: 14:00 - 14:40 (JST)	Chair: K. Asahi
Andrei Derevianko (Univ. of Nevada)	30 + 10
“Open Questions in Cs PV”	
Session 3: 21:00 - 23:00 (JST)	Chair: A. Kastberg
Victor Flambaum (UNSW Sydney)	30 + 10
“What we can measure using PV effects?”	
Jacinda Ginges (Univ. of Queensland)	30 + 10
“Tests of Atomic Theory in the nuclear region and removal of nuclear structure uncertainties”	
Dmitry Budker (Mainz Univ., UC Berkley)	30 + 10
“Cosmic Parity Violation”	
Session 4: 23:00 - 24:20 (JST)	Chair: B. Mani
Bijaya Kumar Sahoo (PRL, India)	30 + 10
“Relativistic Coupled-cluster Theory of Parity Violation in ^{133}Cs ”	
Arup Chakraborty (PRL, India)	30 + 10
“Analysing Roles of Different Correlation Effects in Parity Nonconserving Amplitudes of ^{133}Cs ”	

November 30 (Wed.)

Session 5: 21:00 - 23:00 (JST)	Chair: B. P. Das
Vladimir Dzuba (Univ. New South Wales)	30 + 10
“Long range parity nonconservation and PNC in Cs”	
Benjamin Roberts (Univ. of Queensland)	30 + 10
“Study of electric dipole amplitudes for alkali-like atoms and implications for atomic parity violation”	
Takatoshi Aoki (Univ. of Tokyo)	30 + 10
“Parity-nonconserving interaction-induced light shifts in the $6S_{1/2} - 5D_{3/2}$ transition of the ultracold Cs atoms”	