



Contribution ID: 119

Type: Poster

## Evolution of Dense $nP$ Rydberg Rb Atoms into Ultracold Plasma

### Keywords

Dense Rydberg Atoms  
Ultracold Plasma  
Spontaneous Evolution  
Collision Dynamics

### Topics

Interactions with Photons and Plasmas

**Primary authors:** Dr LI, Yufan (Institute of Modern Physics, Chinese Academy of Sciences, 730000 Lanzhou, China ; University of Chinese Academy of Sciences, 100049 Beijing, China); Dr ZAHEER UD DIN, Syed (Institute of Modern Physics, Chinese Academy of Sciences, 730000 Lanzhou, China ; University of Chinese Academy of Sciences, 100049 Beijing, China); Ms ZHAO, Dongmei (Institute of Modern Physics, Chinese Academy of Sciences, 730000 Lanzhou, China); Prof. MA, Xinwen (Institute of Modern Physics, Chinese Academy of Sciences, 730000 Lanzhou, China); Prof. YANG, Jie (Institute of Modern Physics, Chinese Academy of Sciences, 730000 Lanzhou, China)

**Presenter:** Dr LI, Yufan (Institute of Modern Physics, Chinese Academy of Sciences, 730000 Lanzhou, China ; University of Chinese Academy of Sciences, 100049 Beijing, China)