



## C12: NEWS

### IUPAP YOUNG SCIENTIST PRIZE IN NUCLEAR PHYSICS 2019

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**Xiaofei Yang**



*efficiency.”*

*“For her realization of a unique laser spectroscopy technique to be applied at the PF-type radioactive isotope beam facility and for the substantial contribution to the development and operation of the laser spectroscopy devices at ISOLDE which measure the basic properties of exotic atomic nuclei with high resolution and*

**Xiaofei Yang** received her Ph.D. degree in nuclear physics from Peking University, China, in 2014. Her Ph.D. research work was conducted at RIKEN Nishina Center, Japan, and focused on the development of a novel laser spectroscopy technique OROCHI until the completion of the associated first physics experiment. She worked at RIKEN for 3 years as an International Program Association joint student. She then joined the nuclear moment group at IKS, KU Leuven, Belgium, as a postdoctoral researcher. Her work there was mainly devoted to the laser spectroscopy experiments COLLAPS and CRIS to study the structure of exotic isotopes. She had been a local member of CERN-ISOLDE from 2016 till 2017, supported by Junior Mobility Program of KU Leuven and FWO Grant for a Long-Stay in Europe, Belgium. Since October 2017, she is a faculty member at Peking University, China. Her main research interests are the development of high-precision and high sensitivity laser spectroscopy techniques and the associated structure studies of exotic nuclei.

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