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# CLOSING THE FUEL CYCLE

The steps of PWR nuclear fuel cycle along with alternative fuel cycle options are described. The concepts of two methods for closing the fuel cycle, i.e., recovering the residual uranium and plutonium contained in spent fuel for reuse by wet PUREX and dry Pyroprocessing, are explained. The major issues to be considered for closing the fuel cycle are identified to provide an understanding of sustainability and nonproliferation

## Free webcast

Wednesday October 19, 2016 at 7:30 am (GMT-6:00) Central Time  
(US and Canada)- Please note that Daylight Saving Time (+01:00 hr) is in effect during this time



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**Who should attend:** policy makers,  
managers, regulators, students and the  
general public

## Meet the Presenter...

**Prof. Myung Seung Yang** has been working at KAERI (Korea Atomic Energy Research Institute) for 30 years in R & D on PWR/CANDU fuel fabrication, quality control of fuel, DUPIC (direct use of spent PWR fuels in CANDU) cycle and the pyroprocessing. He gained the experience in nonproliferation through participating in GIF PRPP and INPRO activities. He served as the President of KAERI from 2007 to 2010 and is a member of the National Academy of Engineering of Korea. He is a Professor at Youngsan University since 2015. He received a decoration "Woong-Bee Order" from the Korean government in 2011, and a WNA (World Nuclear Association, London) Award in 2009 for his contribution to the peaceful use of nuclear energy.



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### Upcoming Webinars

October 19, 2016	Closing the fuel cycle, Prof. Myung Seung Yang
November 22, 2016	Introduction to nuclear reactor design, Dr. Claude Renault
December 15, 2016	Sodium Cooled Fast Reactors, Dr. Bob Hill



For more information, please contact: Patricia Paviet at  
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