The Intercontinental Nuclear Institute (INI) is organized to promote long-term sustainability of nuclear power programs and infrastructure through capacity building, global dialogue and technical engagement in the fields of nuclear science and power reactor technology.

PURPOSE
The INI is designed to provide comprehensive approaches to reactor physics analysis of nuclear systems and prepare students for the future needs of the profession. The 4-week summer program includes guest lecture series, visits to nuclear facilities and mentoring by prominent research scientists working in nuclear field. The first two weeks (June 3-16) will be held in Prague, Czech Republic, followed by two weeks (June 17-29) at the UMass Lowell campus in Lowell, Mass.

TECHNICAL FOCUS
Students will be trained in reactor fundamentals and experiments, nuclear power plant economics, project planning and management, advanced reactor design, fuel cycle management and nuclear safety, security and safeguards. The program also includes technical visits to various nuclear facilities in the Northeastern United States.

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