Advanced SMRs are potential game changing technological innovations which can meet the goals for Generation IV nuclear energy systems on sustainability, economics, safety and reliability, proliferation resistant and physical protection.

The Plenary Session #3 has a fabulous lineup of distinguished speakers who will speak on the international landscape in Advanced Reactors Deployment:

- The **Travelling Wave Reactor (TWR)** which will produce 1/5\(^{th}\) as much waste as current nuclear plants, while utilizing mostly depleted uranium as its fuel and improving fuel efficiency;
- **Solid Core Heat-Pipe Micro Reactor** which is an ideal technology suited for remote locations where reliability, passive safety and design simplicity are key requirements;
- **Stable Salt Reactor** which can solve future spent fuel challenge, while producing grid scale clean, low carbon energy; and
- A distinguished speaker from the International Atomic Energy Agency (IAEA) to talk about the **Advanced Reactors and SMR Program at the IAEA**.
TerraPower’s Nuclear Reactor Could Power the 21st Century
Carlos Leipner-Gomes  
VP, Canada and Latin America

Westinghouse Electric Company LLC

Westinghouse eVinci® Micro Reactor & Nuclear Innovations

Westinghouse eVinci™ Micro Reactor

Westinghouse Nuclear Innovations
**An Introduction to the Moltex Energy Technology Portfolio**

**Plenary Topic - A Suite of Reactor Configurations for Canada and the International Market**
Dr. Stefano Monti
Head of Nuclear Power Technology Development Section
International Atomic Energy Agency (IAEA)

Video: What is the Future of Nuclear Energy

Plenary Topic: Advanced Reactors and SMR Programs at the IAEA
PLENARY SESSION # 3 CHAIR
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