

Session Program

28–31 Oct 2025

Technical Meeting on Advanced Technology Fuels: Progress on their Design, Manufacturing, Experimentation, Irradiation, and Case Studies for their Industrialization, Safety Evaluation, and Future Prospects

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Vienna International Center
IAEA Headquarters, Vienna, Austria (and virtual participation)

Thursday 30 October

17:30

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Session | **Location:** Vienna International Center, IAEA Headquarters, Vienna, Austria (and virtual participation)

18:00

17:30–17:55

ROLE OF ATF IN ENHANCING SMR PERFORMANCE

Speaker

Koroush Shirvan

Friday 31 October

09:00

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Session | **Location:** Vienna International Center, IAEA Headquarters, Vienna, Austria (and virtual participation) | **Conveners:** Mr Yongjun Jiao, Mr Zoltan HOZER

09:00–09:25

Current status of development and qualification of advanced technology fuel (ATF) in Russia

Speaker

Alexander Radostin

09:25–09:50

BWR perspective of industrial applications of ATF (high burnups, FFRD, time @ temperature)

Speaker

BARIS sarikaya

09:50–10:15

OVERALL PERFORMANCE OF CR-COATED ACCIDENT TOLERANT FUEL CLADDING IN LARGE PWRS AND IMPLICATIONS FOR SMR APPLICATIONS

Speaker

Youho Lee

10:15–10:45

Coffee Break

10:45–11:45

Discussion: IAEA future activity, including future CRP on ATF, and TM documentation strategy

Speaker

All participants. Co-chairs of the sessions to lead

11:45–12:45

Summary of the meeting

Speaker

The Co-Chairs of the sessions to provide summaries of the session discussion The Co-Chairs of the meeting to present the outcomes of the discussions and recommendations for future IAEA activities in the ATF area

12:45–13:10

Closure of the meeting

14:00