

1. What international cooperation is desirable with regard to fast reactor technology development and deployment to meet global nuclear energy sustainability requirements?

First, it is no doubt that international cooperation should and will play an important role to boost and advance fast reactor technology development and deployment in the world.

In fast reactor area, I think safety, economics and performance of proliferation and transmutation are the desirable issues that should exchange information and cooperate internationally.

Especially in safety aspect, history experiences told us that although sodium associated problems (such as sodium leakages) in the history didn't cause very much consequences, they still had been a negative influence on fast reactor development. And fast reactor severe accidents is always the focus of fast reactor technology development. So, international cooperation on safety of fast reactor should be continued and strengthened.

2. What role do you expect for IAEA in the international cooperation with regard to fast reactor technology development and deployment?

IAEA is a good international communication platform for international cooperation.

In the primary design of CEFR, IAEA provide great help for the peer review of primary safety analysis report. And through CRP, fast reactor workgroup and so on, CEFR learned experiences from other countries and share its own with others.

Now, CEFR is going to achieve criticality, and MONJU will restart. Fast reactor will and is going to enter into a new era for further fast development and deployment, then a lot of cooperation work based on the reactors and technology exchange need to be coordinated, IAEA will play a more important role.

3. What international cooperation do you expect for the world's young generation?

For young generation, international training courses and schools are good opportunities to have a overall view of fast technologies, broaden their knowledge, communicate with each other and encourage by each other.

International cooperation programs and forums are welcome for young generation. Young generation will be largely encouraged if engaged in a international cooperation program, in which ideas and information exchange with each other on the same task is a prompting and inspiring.

In different speciality fields, international topic meeting, symposiums and workgroups should be organized every year, attracting more young people to take part in, so that they will follow the new technology and ideas, and will be motivated to have innovate ideas.