

Session Program

24–28 Mar 2025

**1st RCM on Updating and Improving Nuclear Level
Densities for Applications**

Theory (45' talks, 15' coffee)

IAEA Headquarters, C0440/C0437

Monday 24 March

10:15

Theory (45' talks, 15' coffee)

Session | Location: IAEA Headquarters, C0440/C0437

10:15–11:00

Microscopic investigation on the nuclear level densities of medium and heavy nuclei with shell model

Speaker

Cenxi YUAN

11:00–11:45

Status of the QRPA Boson expansion method

Speaker

Stéphane hilaire

11:45–12:30

Improving Nuclear Level Densities within the combinatorial and QRPA plus boson expansion method

Speaker

Stephane Goriely

12:45