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## **Review of the two New Rhodotron Accelerators: The Compact 10 MeV TT50 and the High Energy 40 MeV Rhodotron**

*Wednesday, 26 April 2017 09:00 (20 minutes)*

Emerging applications drive development of new innovative accelerators. IBA is currently developing two new accelerators. The first new accelerator is a compact Electron beam accelerator called the TT50 allowing to produce beam up to 10 MeV. This accelerators is perfectly suited for industries sensitive to cost such as cargo screening, medical device sterilization or applications requiring mobile systems.

The second new product under development is a high energy Rhodotron able to reach 40 MeV and 125 kW of beam power. These specifications makes Mo-99 production using particle accelerators very competitive. Development status, innovations and target performances will be reviewed.

### **Country/Organization invited to participate**

Belgium

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