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## Accelerator developments @AVS and Public-Private Collaborations

*Thursday 23 October 2025 18:30 (20 minutes)*

In the last decades there has been a bunch of exciting progress in hadron LINACs, and AVS has been part of the developments under different hats. In this talk, AVS will focus in recent developments under public-private collaborations. Challenges come from different directions depending on the project, from extremally high currents to ultra-compact developments, from cancer treatment to material testing. AVS will share how the company evolved from designing and manufacturing systems for major scientific facilities to lead upcoming upfront cutting-edge science & industrial developments. Alongside the technical challenges of the accelerator, we'll highlight key lessons from working hand-in-hand with research centers on a project with real impact on society.

**Presenter:** CARMONA, José Miguel (AVS)

**Session Classification:** Plenary: Industry & applications