New developments and challenges in massive star evolution (No 2578)

📅 01.07.2021   🕐 15:30 - 16:00   🏷 Plenary talk
🔗 Thursday Plenary

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I will review the main open questions in the field of massive star evolution, and present the current efforts to address them. I will focus on mass-loss rates and in particular the role of episodic mass loss, which is not currently accounted for in stellar evolution modeling. Understanding the evolution of the most massive stars is critical for various fields of astrophysics, ranging from core collapse supernovae to the explosive Early Universe.