Contribution ID: **170**   Type: **Talk (15min + 5min)**

From Design to Delivery: Building Better Online RSE Workshops

Tuesday 25 February 2025 16:00 (20 minutes)

How do you build online workshops that are engaging throughout the event, accessible to both novices and experts, and effective in helping students apply tools to their work? This talk introduces a proven approach to teaching Research Software Engineering (RSE) through learner-centered methodologies. Our workshops, designed around 90-minute teaching units, use concise lectures, small social group activities, and live coding reviews to create a dynamic and interactive learning environment. By focusing on applied, novice-friendly topics, we ensure accessibility for diverse participants.

Delivered through the iBOTS platform, these workshops achieve exceptional results: a 90% completion rate, five new workshops annually, and consistent positive feedback. Participants benefit from a focus on communication and collaboration, fostering a sense of community that supports long-term learning. This success reflects the application of active learning principles and strategies that address the unique challenges of online teaching.

In this talk, we will outline the practical steps of designing, organizing, and delivering successful workshops. Topics include curriculum development, accessibility enhancements, and techniques for encouraging engagement in virtual spaces. Attendees will gain actionable strategies for improving their own online teaching, ensuring workshops that are not only effective but also enjoyable for learners.

I want to participate in the youngRSE prize

no

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