

# Seventh Full-day Workshop on Software Development and Integration in Robotics (SDIR-VII)

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## **Abstract**

The SDIR workshop series is a forum where researchers and practitioners share best practices, identify strategic research directions, and plan joint initiatives in robot software development. The specific topic of this workshop is “Programming Languages in Robotics.” The full-day workshop is structured in three sessions.

1. Presentation Session: (morning) will include a keynote presentation by an invited expert and a set of talks that represent a selected set of accepted papers.
2. Poster Session: (afternoon one hour) will give the opportunity for all authors of accepted papers to discuss/demonstrate their work.
3. Group Discussion Session: (afternoon) will be organized as a working group session that maximizes participation from individuals: we will start off with an initial list of questions followed by a solicitation from participants. Then, the organizers will break up the group into splinter groups that will discuss each of the questions and report back to the larger group.

The summaries from the group discussions will then be posted on the TC-SOFT website. A follow-on survey, informed by the outcome of the workshop, will be sent out to the community. The results on best practices would be shared with the community to help new comers to the field.