



This spring, **Livorno (Italy)** will host the first **Soft Robotics Week (April 13-17, 2015)**, an exciting week totally dedicated to **Soft Robotics**, featuring a unique concentration of several scientific, cultural and educational events.

International experts across multiple fields in the scientific community of soft robotics, industrial leaders, young researchers and students, will meet together to discuss current research activities and applications and to face future frontiers for the field of soft robotics.

Three major events will take place:

SMART-E Technical Skills Workshop - April 13-17, 2015 (1st part)

RoboSoft Spring School - April 13-17, 2015

RoboSoft Plenary Meeting - April 15-16, 2015

The **SMART-E Technical Skills Workshop** and the **RoboSoft Spring School** merge together in a unique

Joint School on "Applications and Frontiers of Soft Robotics"

co-organized by the **SMART-E Initial Training Network** and the **RoboSoft Coordination Action**.

The School programme will follow a combined lectures and practical sessions (hands on/technical skills training) format. Invited speakers will present technical and scientific issues related to the design and development of soft robots and in particular on:

- Soft materials, soft sensors and soft actuators;
- Modelling, simulation and control of soft bodies;
- Design and fabrication techniques; and control of soft bodies;
- Energy storage, harvesting soft devices and stretchable electronics;
- Interdisciplinary interactions with biological/medical sciences, material sciences, chemistry, etc and market applications.

Students will have the opportunity to present their research activity during short/teasers presentations combined with poster sessions and exhibition of prototypes.

Working group sessions for the students will train them using on-line tools and hardware kit to design and build soft robots for target applications with relevance to **“Dexterous, Soft and Compliant Robotics in Manufacturing”**.

On the occasion of the **two-days RoboSoft Plenary Meeting**, students will also have the opportunity to participate in the meeting and in the discussions among leaders in the field of soft robotics.

The SMART-E Technical Skills Workshop will continue for the SMART-E students in the following week at the Italian Institute of Technology (IIT) in Genova.

The **RoboSoft Plenary Meeting** will involve the members of the RoboSoft Community, industrial stakeholders and external experts working in the field of soft robotics and related disciplines, to discuss roadmaps for soft robotics research and in particular with the focus of future applications in the robotics market. The programme includes scientific workshop with presentations by RoboSoft community members and industry stakeholders and with discussion and roadmapping activity of the RoboSoft working groups.

During the week, the organizers will offer also social events and tour.

How to participate:

- Joint School on “Applications and Frontiers of Soft Robotics”

The School is open to PhD students upon selection based on the research activity and motivation. Priority will be given to students of the RoboSoft Community and of SMART-E WP1.

To apply, fill in the form available at:

<http://www.robosoftca.eu/events/robosoft-spring-school>

All the students participating in the School will also attend the Plenary Meeting.

- RoboSoft Plenary Meeting

The Meeting is open to all interested people until there is no more room.. Priority will be given to RoboSoft Community Members.

To register, fill in the form available at:

<http://www.robosoftca.eu/soft-robotics-week-registration>

All the events have no registration fees.

The social events and the cultural tour are offered by the organizers.

RoboSoft Community Members can ask for reimbursement for accommodation and sustenance following the rules in the Agreement.

Organizers

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