

the most famous impressionists as well as some 16th- and 18th-century Venetian paintings.

The 2014 edition was another milestone in a very successful series of the

WFCS conferences, which has evolved over the past 20 years into undoubtedly the world's leading technical event on communication in factory and industrial automation.

—Zoubir Mammeri and
Richard Zurawski
WFCS 2014 General Cochairs

The Ninth IEEE International Symposium on Industrial Embedded Systems in Tuscany, Italy

The Ninth IEEE International Symposium on Industrial Embedded Systems (SIES 2014) was held at the Scuola Superiore Sant' Anna in Pisa, Italy, from 18 to 20 June 2014. The SIES series is a unique event, reporting on recent research results, developments, technology deployments, and trends, as well as initiatives related to embedded systems and their applications in a variety of industrial environments, such as automotive; avionics and aerospace; factory and industrial plants; urban and environmental.

The SIES series has been known for excellent-quality submissions and tight acceptance criteria. Fifty-seven papers were submitted, out of which 34 were accepted: 26 regular and eight works in progress. The technical program was managed by Giorgio Buttazzo of the Scuola Superiore Sant' Anna and Enrico Macii of the Politecnico di Torino. The technical program featured three captivating keynote presentations: "Trends in Autonomous Driving Technology," presented by Alberto Broggi of the Università di Parma; "Management of CPU Resources—From Embedded to the Cloud," presented by Karl Erik Årzén of Lund University; and "CompSOC: Virtual Execution Platforms for Mixed-Criticality Applications," presented by Kees Goossens of the Eindhoven University of Technology. In addition, Lui Sha of the University of Illinois, Urbana Champaign, spoke about migrating real-time



FIGURE 1 – Cathedral Square, Pisa, Italy.

software from single-core to multicore chips in his invited talk. To improve the exchange of ideas and results between academia and industry, three special sessions on automotive systems and autonomous agents featured presentations from industrial speakers, highlighting the challenges and requirements for industrial embedded systems.

The city of Pisa, the birthplace of Galileo Galilei, is the home of the University of Pisa, which has a history going back to the 12th century and also has the Napoleonic decree founded Scuola Normale Superiore di Pisa and Sant'Anna School of Advanced Studies as the best sanctioned superior graduate schools in Italy. Pisa is famous for countless medieval and Renaissance tourist attractions, most

famous of which is undoubtedly Cathedral Square (Figure 1) with the notorious Leaning Tower. The SIES 2014 attendees were given an opportunity of a private tour of the Cathedral, the Battistero, the Monumental Graveyard and the Leaning Tower—a wonderful experience.

The 2014 symposium confirmed the SIES series to position itself in the top echelon of the international events on embedded systems. The SIES series is the leading event to champion the application side of real-time networked embedded systems.

—Marco DiNatale and
Roberto Passerone
SIES 2014 General Cochairs