"First European-SouthAmerican School for Embedded Systems"
Summary report

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Venue. The school took place August 21-24, 2007 at Universidad Argentina de la Empresa (UADE), Lima 717, Buenos Aires, Argentina. The programme consisted in 3 daily 2-hour long courses, plus a poster presentation session followed by open and lively discussions about the lectures and current research directions on embedded systems.

Lectures. The courses were given by ARTIST members Joseph Sifakis (VERIMAG), Gerhard Fohler (Kaiserlautern), and Luis Almeida (Aveiro). There were 15 10-minute long poster presentations of ongoing work by southamerican PhD students, covering a broad spectrum of hot topics related to ARTIST roadmap, including scheduling, modeling, verification, power and memory management, RTOS, and wireless and sensor networks.

Participants. The were a total of 66 registered participants, with a regular daily assistance to lectures of about 50. The large majority of participants were PhD students (28), mostly from Argentina (17) and Brazil (7). The scientific level of PhD students was recognised to be very good (many of them already published in top-ranked conferences and journals in the filed), as became apparent during the short presentations of their ongoing research works. The table below summarizes the distribution of participants according to their position and country.

	Engineer	Masters	PhD	Professor	Total Result
Argentina	5	4	17	8	**34**
Brazil	2	11	7	3	**23**
Europe			1	4	**5**
Mexico			1		**1**
Uruguay			2	1	**3**
Total Result	**7**	**15**	**28**	**16**	**66**

Financial support. Besides ARTIST financial support to cover lecturers' travel and local expenses, the school received a total of 2100 USD, including 1500 USD from CLEI (Conferencia Latinoamericana de Informatica), and 600 USD from Microsoft Argentina. These funds were used to partially covered participants' travel expenses (no registration fees were charged): all PhD students received financial support for at least 80% of their costs. Local organization costs and coffee breaks were fully covered by UADE.

Concluding remarks. The courses were quite interactive, and generated interesting discussions during coffee breaks and lunches at the school's site, as well as during social dinners in restaurants nearby. The exhibition of posters greatly contributed to motive interactions between participants and lecturers. We believe this first edition achieved the desired purpose of the school of promoting and fostering research cooperations in the field of embedded systems between groups in Europe and South America. We are aware of several actions which have been undertaken in order to try to formalize cooperations, for instance, via research projects and collaboration networks. There has been a strong request to keep on organizing the school, with a general agreement to locate it in Brazil next year (the place is still to be decided, but there are already a couple of proposals).