

Year 3 Review
Bruxelles, December 14th, 2007

Achievements and Perspectives :

Spreading Excellence

Bruno Bouyssounouse

Verimag

Overall Vision and Strategy

Overall objective is the emergence of Embedded Systems Design as a scientific discipline. This objective is pursued within the international scientific and industrial community.

This is implemented in 3 levels:

- **International Collaboration**
 - High-level meetings (NSF/IST),
 - International Schools
(eg: China school, SouthAmerican school),
 - support for selected conferences (eg: Embedded Systems Week)
- **European level**
 - Direct organisation of top workshops and schools
 - Support for existing workshops, Artist and other schools
(eg: FOSAD) and conferences (eg: DATE)
 - Industrial Liaison
(ARTEMIS, triggering projects and promoting standards)
- **Affiliated Partners**
 - Direct involvement in the workprogramme (technical meetings).

Web Portal Newsletter
Mailing List



International Collaboration

International Schools : China

The purpose is to disseminate European excellence and approaches to selected regions outside Europe, and drain high-quality students to Europe

- **ARTIST2 / UNU-IIST Spring School** April 3rd – 15th 2006 in Xi'an - more than 50 participants attended. Given the success of this first edition, it has been decided to organise a second ARTIST2 school in China, near Shanghai in 2007
- **Artist2 / UNU-IIST School in China - 2007**
August 1-10, 2007 in Suzhou (near Shanghai), China
This year has seen a dramatic increase in the number of participants, from 50 in the 2006 edition, to 124 participants in the 2007 edition.
- **Europe-China School on Embedded Systems Design, 2008,**
planned June 2008, in Beijing (*planned*)

International Collaboration

International Schools : South America

The purpose is to disseminate European excellence and approaches to selected regions outside Europe, and drain high-quality students to Europe

- **First ARTIST European-SouthAmerican School for Embedded Systems**
August 27-31 2007 Buenos Aires
- **Second ARTIST European-SouthAmerican School for Embedded Systems**
(planned)
The 2nd edition of this ARTIST school will be held in Florianopolis, Brazil, in August 2008. It will be organized by Sergio Yovine (Verimag), J.-M. Farines, Professor at Universidade Federal de Santa Catarina (UFSC), and head of DAS (Departamento de Automação e Sistemas).

Education: WESE Workshops

- **WESE'07: WS on Embedded Systems Education** October 4-5, 2007 Salzburg, Austria (within ES Week)
This third workshop on the subject aims to bring researchers, educators, and industrial representatives together to assess needs and share design, research, and experiences in embedded systems education.
- **WESE'06 - Embedded Systems Education** October 26th, 2006 Seoul, Korea
This second workshop on the subject aims to bring researchers, educators, and industrial representatives together to assess needs and share design, research, and experiences in embedded systems education.
- **WESE'05 - WS on Embedded Systems Education** September 22nd, 2005 Jersey City – USA
This first workshop on Embedded Systems Education aims to bring researchers, educators, and industrial representatives together to assess needs and share design, research, and education experiences in embedded systems.
- **ACM - Special Issue on Education**
This special issue of the ACM Transactions in Embedded Computing Systems aims to provide the basis for integrated undergraduate and graduate curricula covering the essential areas of knowledge for tomorrow's embedded systems engineers and researchers. Guest Editors Alan Burns Alberto Sangiovanni-Vincentelli - UC Berkeley

and back in Artist FP5:

- **Artist International Collaboration Days 2003 - Education** October 11th 2003 – Philadelphia
This was an open meeting to discuss important action lines in the area of Embedded Systems - in which strong synergy between international teams had the greatest benefits. Work over the first year had concentrated on discussion between top researchers in the field, summarized in white papers that were presented and discussed here.

Artist2 PhD Schools in Y3

- ***ARTIST2 PhD Course on: Automated Formal Methods for Embedded Systems***
June 4-12, 2007 DTU - Lyngby, Denmark
In the lectures, we will introduce a comprehensive set of state-based models as well as automatic procedures for their analysis. The exercise classes will complement this by providing hands-on experience with appropriate verification tools.

- ***ARTIST2 Graduate Course on Embedded Control Systems***
May 7-11, 2007 Lund, Sweden
The objective of the course is to provide an overview of the main principles and technologies for supporting the development of embedded control systems.

Other Schools Partially Organized or Funded

- **Quantitative Aspects of Embedded Systems**
March 4-9, 2007 Schloss Dagstuhl, Wadern, Germany
This Dagstuhl seminar will bring together experts in embedded software design and implementation, model-based analysis of quantitative system aspects, and researchers working on extending formal methods with quantitative system aspects.
- **CASTNESS'07 Workshop and School: January 15-17, 2007 Rome, Italy**
Computing Architectures and Software Tools for Numerical Embedded Scalable Systems
- **FOSAD 2006: 6th edition- September 10-16, 2006, Bertinoro, Italy**
The International School on Foundations of Security Analysis and Design (FOSAD) has been one of the foremost events established with the goal of disseminating knowledge in this critical area.
- **ADSD 2006: Advanced Digital Systems Design**
September 25-29, 2006 Lausanne, Switzerland
Design course for multimillion-transistor Systems-on-Chip and other state-of-the-art embedded products. The course spans from purely digital-design topics to some compiler-related issues.
- **MDD4DRES, September 4-8, 2006, September 4-8, 2006 Brest, France** A goal of this summer school is to provide participants with the information needed to understand and apply MDE approaches to the development of embedded systems.

Artist Support for Selected Conferences

- **ARCS 2007**, March 12-15, 2007, Zürich, Switzerland
- **HSCC'07**, 10th International Conference on HYBRID SYSTEMS: COMPUTATION AND CONTROL, Pisa, Italy, April 3-5, 2007
- **CAV'07** , Computer Aided Verification (CAV), July 3-7, 2007, Berlin, Germany (+ Workshop ARTIST: Tool Platforms for ES Modelling, Analysis and Validation)
- *Planned: **Embedded Systems Week 2007** - September 30th-October 5th 2007, Salzburg, Austria*
- *Planned: **EMSOFT Embedded Software**, October 1-3, 2007, Salzburg, Austria*

Workshops funded by ARTIST in Y3 (1/3)

- **MARTES 2006**
October 2nd, 2006 - Genova, Italy
- **JTRES 2006**
October 11-13, 2006 Paris, France
- **Foundations and Applications of Component-based Design**
October 26th 2006 - Seoul, South Korea
- **WESE'06 - Embedded Systems Education**
October 26th, 2006 - Seoul, Korea
- **MoCC - Models of Computation and Communication**
November 16-17, 2006 - Zürich, Switzerland
- **ARTIST2 Workshop on Timing Analysis in the Industrial Development Process**
November 17th, 2006 - Paphos, Cyprus
- **ARTIST2 Workshop on Basic Concepts in Mobile Embedded Systems**
December 3-4, 2006 - Vienna – Austria

Workshops funded by ARTIST in Y3 (2/3)

- ***CASTNESS'07 Workshop and School***
January 15-17, 2007 Rome, Italy
- ***SLA++P 2007***
Model-driven High-level Programming of Embedded Systems
March 31st, 2007 ,Braga, Portugal
- ***NeRES 2007 - Networks for Reconfigurable Embedded Systems,***
April 2nd, 2007, Aveiro, Portugal
- ***IRTAW -13th International Real-Time Ada Workshop***
Vermont USA,17th-19th April 2007
- ***DATE 2007: Towards a systematic approach to Embedded Systems Design***
20th April 2007, Nice, France

Workshops funded by ARTIST in Y3 (3/3)

- **SCOPES'07**, *10th International Workshop on Software and Compilers for Embedded Systems*, April 20th, 2007, Nice
- **FMGALS'07**, *Formal Methods for Globally Asynchronous Locally Synchronous Design*, 29th May 2007, Nice
- **2nd Int'I ARTIST Workshop on Control for Embedded Systems**, U. of Illinois, USA, May 31st - June 1st 2007
- **FCC 2007**, July 4-5, 2007 Venice Italy
- **UML&AADL'2007**
in conjunction with ICECCS'07, July 14th 2007, New Zealand

Workshops to be funded by ARTIST in Y4

partial list

- **Between Control and Software (in honor of Paul Caspi)**
September 28th 2007, Grenoble
- **Second International Workshop on Foundations of Component-based Design**
30th September 2007, Salzburg, Austria
- **Workshop on Embedded Systems Education' 07** October 4th-5th 2007, Salzburg
Austria
- **ARTIST2 meeting on Integrated Modular Avionics**, November 12-13, 2007, Roma,
Italy
- **Synchron 2007**, November 26th-30th, 2007, Bamberg, Germany
- **SLA++P'08, Model-driven High-level Programming of Embedded Systems**, April
2008
- **UML&AADL'2008**, 31 March -4th April 2008, Belfast, Northern Ireland
- **SCOPES'08**, March 13-14, 2008, ICM in München, Germany

Recently Accepted STREP Projects

with ARTIST partners

- **ACTORS**, Adaptivity and Control of Resources in Embedded Systems. Partners of the consortium : Scuola Superiore Sant'Anna (Italy), Technische Universität Kaiserslautern (Germany), Evidence Srl (Italy), Ecole Polytechnique Fédérale de Lausanne (Switzerland), Lund Universitaet (Sweden)
- **ALL-TIMES**, Integrating European Timing Analysis Technology. Partners of the consortium :Maelardalen University (Schweden), AbsInt Angewandte Informatik GmbH (Germany), Technische Universität Wien (Austria), Symtavision GmbH (Germany)
- **COMBEST**, COMponent-Based Embedded Systems design Techniques. Partners of the consortium : UJF Filiale (France), Université Joseph Fourier Grenoble I (France), Technische Universität Carolo – Wilhelmina zu Braunschweig (Germany),EADS Deutschland GmbH (Germany), Ecole Polytechnique Fédérale de Lausanne (Switzerland), Swiss Federal Institut of Technology (Switzerland), Institut National de Recherche en Informatique et en Automatique (France), ISRAEL AEROSPACE INDUSTRIES LTD. (Israel), Offis e.V. (Germany), PARADES GEIE (Italy)
- **PREDATOR**, Design for Predictability and Efficiency. Partners of the consortium : Universität des Saarlandes (Germany), Swiss Federal Institute of Technology Zurich (Switzerland), Universität Dortmund (Germany), Università di Bologna (Italy), Scuola Superiore Sant'Anna (Italy), Absint Angewandte Informatik GmbH (Germany), Airbus France (France), Robert Bosch GmbH (Germany)
- **Quasimodo**, Quantitative System Properties in Model-Driven Design of Embedded Systems. Partners of the consortium : Aalborg University (Denmark), Centre National de la Recherche Scientifique (France), RWTH Aachen University (Germany), Universität des Saarlandes (Germany), Université Libre de Bruxelles (Belgium)



Artist Web Portal

[Modify this section \(1\)](#) | [Refresh this page](#)

artist

 Network of Excellence
 on Embedded Systems Design

[Ok](#)

[Home Page](#) | [Participants](#) | [Research and Integration](#) | [Dissemination](#) | [Embedded System Links](#) | [intranet](#)

About the Artist2 NoE

- Strategic Objectives
- Approach
- Joint Programme of Activities (JPA)
- Core Partners
- Workshops
- Education
- International Collaboration
- State of the Art
- Related Projects
- Becoming an Affiliated Partner
- Site Map

Artist2 Research Topics

- Real-Time Components
- Adaptive Real-Time
- Compilers and Timing Analysis
- Execution Platforms
- Control for Embedded Systems
- Testing and Verification

ARTEMIS / ARTEMISIA

- ARTEMIS European Technology Platform
- Strategic Research Agenda
- ARTEMISIA Industrial Association
- Annual Conference 2007

Hot Topics

- Integrated Modular Avionics
- DARPA Urban Challenge 2007

Upcoming Artist2 Events

- Scopes 2008 March 13-14, 2008
- UML&AADL'2008 March 31st - April 4th 2008
- SLA++P'2008 April 5th, 2008

Open Positions

- LJK, Grenoble: Post-doctoral Position
- IIRIA Rhône-Alpes, France: Expert Engineer
- York: Research Associates
- Aalborg (Denmark): Several Phd positions
- ETH Zurich: Post-Doctoral Fellow
- ETH Zurich: Research Assistant / PhD student

Schools & Seminars

- CASTHES 2008 January 15-18, 2008

Past Artist2 Events

- Synchron 2007 November 26-30, 2007
- ARTIST2 meeting on Integrated Modular Avionics November 12-13, 2007
- WESE'07: WS on Embedded Systems Education October 4-5, 2007
- EmSoft'07 October 1-3, 2007
- Embedded Systems Week 2007 September 30th - October 5th 2007
- Foundations of Component-based Design September 30th, 2007
- Between Control and Software (in honor of Paul Caspi) September 28th, 2007
- EPSD 2007 September 10-14, 2007
- FOSAD 2007 September 9-15, 2007
- First European-SouthAmerican School for Embedded Systems August 21-24, 2007
- Artist2 / UHU-IIST School in China - 2007

Other ES Links

- Journals
- Conferences
- Hot Topics
- Standards
- Tools and Platforms
- Main Projects
- Position Papers
- Roadmaps
- Newsletters and Magazines
- Mainstream Press
- Announcements
- Publications

WS & Conferences

- ASP-DAC 2008 January 21-24, 2008
- ERTS 2008 January 29-31, 2008
- DATE'08 March 10-14, 2008
- Scopes 2008 March 13-14, 2008
- UML&AADL'2008 March 31st - April 4th 2008
- SLA++P'2008 April 5th, 2008
- RTAS 2008 April 22-24, 2008
- SIES'2008 June 11-13, 2008
- LCTES'08 June 12-13, 2008
- Ada-Europe'08 June 16-20, 2008
- IFAC'08 July 6-11, 2008

my recent pages

- Year3 Review
- ArtistDesign

Subscriptions

- ARTIST Newsletter
- ARTIST Mailing List





Web Portal - Features

Objective

The Artist2 Web Portal, complemented by the Newsletter, is a major tool for Spreading Excellence within the Embedded Systems Community.

- The web portal disseminates information about **contacts** (Artist2 core and affiliated partners), and **web links** about:
 - the Artist2 JPA events and activities,
 - a fairly thorough set of links to sites of interest to the embedded systems community
- We regularly receive spontaneous requests for:
 - adding information to the site
 - subscriptions to the Artist Newsletter and Mailing List
- Authorised users (principally, the Artist2 partners) can access the back end of the site to modify and update information directly. The changes are immediately visible on the site, which greatly streamlines the updating process.
- Ergonomics are set for the entire site. The “look and feel” of the site is always homogeneous throughout the site. It’s possible to change these ergonomics, and these changes are applied homogeneously throughout the site, via automated mechanisms

The screenshot displays the Artist2 web portal interface. At the top, the 'Artist' logo is visible on the left, and the 'Network of Excellence on Embedded Systems Design' banner is on the right. A navigation menu includes 'Home Page', 'Participants', 'Research and Integration', 'Dissemination', 'Embedded System Links', and 'Intranet'. The main content area features a sidebar with a 'Dissemination' section containing a list of workshops: 'Scopes 2008', 'UML SAADL 2008', 'SLA++P 2008', and 'SIES 2008'. The 'SLA++P 2008' workshop is highlighted, showing its title, date (April 5th, 2008), location (Budapest, Hungary), and that it is organized and funded by Artist. The main content area for the SLA++P 2008 workshop includes a large title 'SLA++P 08', a subtitle 'Model-driven High-Level Programming of Embedded Systems', and an 'Overview' section. The overview text describes the workshop's focus on synchronous languages and model-driven high-level programming of reactive and embedded systems. A sidebar on the right contains 'my recent pages' (Workshops, Home Page, Year 1 Review, ArtistDesign) and 'Subscriptions' (ARTIST Newsletter, ARTIST Mailing List).

Analysis of Visits to the Web Portal

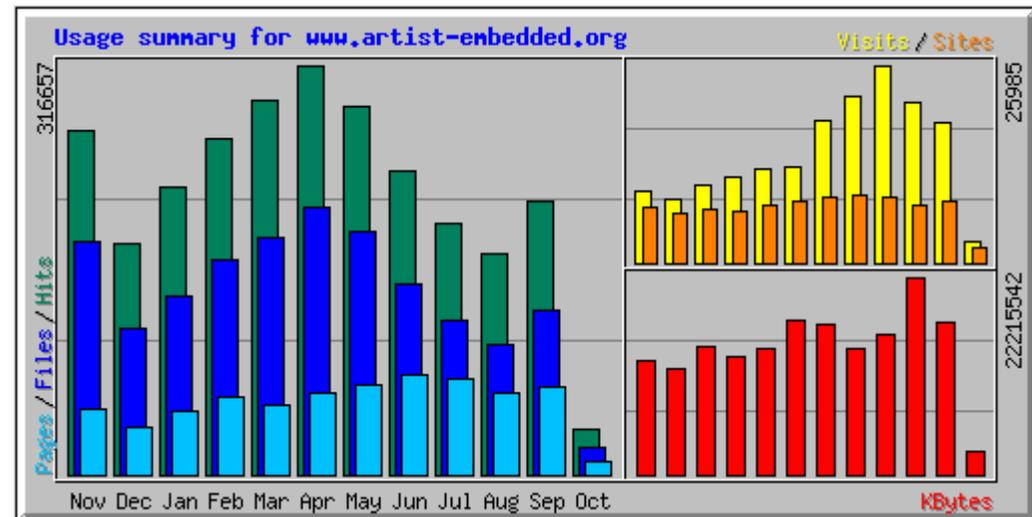
Over the course of Y3, we see a bell-shaped evolution in the number of visits, with a peak in April, which corresponds to the large number of workshops that were organized in that period.

Main conclusions:

- Visits to the site are largely driven by the Artist2 events organised (workshops, conferences, schools),
- This seems to drive visits to the other sections: “Embedded Systems Links”, and “Research and Integration”.

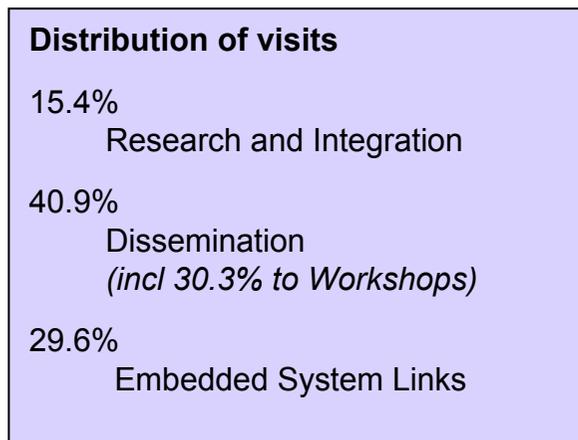
But please note:

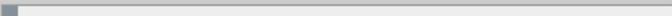
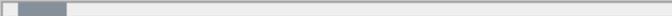
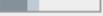
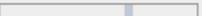
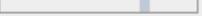
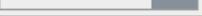
- deep analysis of the pertinence and effectivity of the web portal needs to go beyond the numerical analysis provided here.
- Real impact is in whether or not the members of the community find the information relevant, and how it helps them in their daily tasks.



Web Portal - Statistics

Visits distribution / sections of the web portal :



▶ 15. About the Artist2 NoE	2.3%	
▶ 20. Participants	7.4%	
▼ 25. Research and Integration	15.4%	
▶ 20. Cluster: Real-Time Components	6%	
▶ 30. Cluster: Adaptive Real-Time	1.9%	
40. Cluster: Compilers and Timing Analysis	0.5%	
▶ 50. Cluster: Execution Platforms	1.8%	
▶ 60. Cluster: Control for Embedded Systems	3.5%	
▶ 70. Cluster: Testing and Verification	1.5%	
▼ 30. Dissemination	40.9%	
▶ 20. Workshops	30.3%	
▶ 30. Schools and Seminars	6%	
60. Publications	2.3%	
▶ 70. Contributions to Standards	2.2%	
▼ 35. Embedded System Links	29.6%	
10. Journals	3.3%	
▶ 20. Conferences	5.9%	
25. Hot Topics	0.4%	
30. Standards	0.8%	
▶ 35. Tools and Platforms	3%	
▶ 40. Main Projects	4.9%	
50. Position Papers	1.4%	
55. Roadmaps	0.7%	
60. Newsletters and Magazines	1.7%	
▶ 70. Announcements	6.8%	
80. Publications	0.7%	
▶ 40. intranet	1.3%	
▶ 70. Reviews	2.1%	
76. Reporting on Mobility	0.6%	



Google searches to access the Web Portal

The Web Portal shows how visitors reach the site via google (over a few hours this week):

- « [artist Embedded Components](#) » (2)
- « [EMSOFT 2008](#) » (2)
- « [amba axi tutorial](#) » (2)
- « [artist embedded](#) » (2)
- « [scopes](#) » (2)
- « [castness](#) »
- « [hipeac](#) »
- « [paul caspi retirement](#) »
- « [autosar stack](#) »
- « ["semantic level" component](#) »
- « [eth zurich phd positions](#) »
- « [rtcsa 2008](#) »
- « [postdoctoral position 2008 signal](#) »
- « [artist2](#) »
- « [cluster testing](#) »
- « [sponsored by SigBED](#) »
- « [journal european embedded systems](#) »
- « ["Yi ZHANG" Northwest Polytech](#) »
- « [Codesign Tools for Embedded Control](#) »
- « [RTSS 2008](#) »
- « [research topic embedded](#) »
- « [Artist2](#) »
- « [artist](#) »
- « [timing analysis automotive](#) »
- « [embedded system magazine journal](#) »
- « [embedded system Ph. D. topics](#) »
- « [Dimitrios Soudris](#) »
- « [university of dortmund isa description](#) »
- « [current seminar on embedded systems](#) »
- « [low power Sensorik](#) »
- « [open phd position 2007 embedded software](#) »
- « [the artist newsletter](#) »
- « [Embedded journals](#) »
- « [Francky Catthoor](#) »
- « [ARTEMIS European Technology Platform](#) »
- « [ARTIST2](#) »
- « [speeds project verimag](#) »
- « [jacques pulou caspi](#) »
- « [Mathai Joseph](#) »
- « [industrial informatics transactions](#) »
- « [runtime load variation on operating system performance](#) »
- « [siconid](#) »
- « [openings in embedded system](#) »
- « [Engineering conference in south korea by 2007](#) »
- « [what is verification in testing?](#) »
- « ["a generic model of contracts for embedded systems"](#) »
- « [phd position at aalborg](#) »
- « [danes embedded intelligent system](#) »
- « [IMEC Francky Catthoor](#) »
- « [LO BELLO LUCIA](#) »
- « [dataflow "schedulability analysis" tool](#) »
- « [ARTIST2 \(ARTIST IS THE EUROPEAN NETWORK ON EMBEDDED SYSTEMS\) WORKSHOP ON INTEGRATED MODULAR AVIONICS \(IMA\)](#) »
- « [artist Embedded Components](#) » (2)
- « [EMSOFT 2008](#) » (2)
- « [amba axi tutorial](#) » (2)
- « [artist embedded](#) » (2)
- « [scopes](#) » (2)
- « [castness](#) »
- « [hipeac](#) »
- « [paul caspi retirement](#) »
- « [autosar stack](#) »
- « ["semantic level" component](#) »
- « [eth zurich phd positions](#) »
- « [rtcsa 2008](#) »
- « [postdoctoral position 2008 signal](#) »
- « [artist2](#) »
- « [cluster testing](#) »
- « [sponsored by SigBED](#) »
- « [journal european embedded systems](#) »
- « ["Yi ZHANG" Northwest Polytech](#) »
- « [Codesign Tools for Embedded Control System](#) »
- « [RTSS 2008](#) »
- « [research topic embedded](#) »
- « [Artist2](#) »
- « [artist](#) »
- « [timing analysis automotive](#) »
- « [embedded system magazine journal](#) »
- « [embedded system Ph. D. topics](#) »
- « [Dimitrios Soudris](#) »
- « [university of dortmund isa description language](#) »



Google searches to access the Web Portal

The Web Portal shows how visitors reach the site via google (over a few hours this week):

- [« current seminar on embedded systems »](#)
- [« low power Sensorik »](#)
- [« open phd position 2007 embedded softwa](#)
- [« the artist newsletter »](#)
- [« Embedded journals »](#)
- [« Francky Catthoor »](#)
- [« ARTEMIS European Technology Platfor](#)
- [« ARTIST2 »](#)
- [« speeds project verimag »](#)
- [« jacques pulou caspi »](#)
- [« Mathai Joseph »](#)
- [« embedded systems artist »](#)
- [« artist2 » \(2\)](#)
- [« artist » \(2\)](#)
- [« rtss 2008 » \(2\)](#)
- [« postgraduate study in embedded » \(2\)](#)
- [« RTES UML » \(2\)](#)
- [« t » \(2\)](#)
- [« multiprocessor uppaal » \(2\)](#)
- [« cluster testing »](#)
- [« RTSS 2008 »](#)
- [« rtcsa 2008 »](#)
- [« artist 2 »](#)
- [« UML tutorials embedded systems »](#)
- [« dario distefano »](#)
- [« IMA 2007 ROMA »](#)
- [« perez tijero »](#)
- [« atmel mega8 "operating system" »](#)
- [« Embedded System Design TextBook »](#)
- [« automotive embedded system education »](#)
- [« posix timed event »](#)
- [« embeded based industrial projects »](#)
- [« UML&AADL'2008 »](#)
- [« real-time and QoS aspects at Thales »](#)
- [« dac 2008 »](#)
- [« partikle time »](#)
- [« .mpeg flexibility and dependability at manage](#)
- [« artist mailing list »](#)
- [« CODES ISSS 2008 »](#)
- [« manfred broy »](#)
- [« rt-ep universidad madrid »](#)
- [« Embedded system design Peter Marwedel »](#)
- [« embedded scheduler car example »](#)
- [« ARTIST Noe »](#)
- [« common operating machine processing used i](#)
- [« educational research »](#)
- [« artist2 ima »](#)
- [« artist2 ima workshop »](#)
- [« site:www.artist-embedded.org artist2 »](#)
- [« embedded systems in europe »](#)
- [« francky catthoor »](#)
- [« ARTIST2 Meeting on IMA »](#)
- [« winter school embedded system »](#)
- [« what is real time component »](#)
- [« rainer leupers »](#)
- [« possible solution allowing inter-task »](#)
- [« how to build a web based verification portal » \(](#)
- [« 2007 email contacts of noe » \(2\)](#)
- [« artist » \(2\)](#)
- [« artemisia association » \(2\)](#)
- [« iso/iec tr 18037:2004 » \(2\)](#)
- [« motives 2007 »](#)
- [« post doc middleware »](#)
- [« Posix 1003 »](#)
- [« heterogeneous network petru eles »](#)
- [« artist2 »](#)
- [« rtcsa 2008 »](#)
- [« automotive technology online course material](#)
- [« manufacturing automation exhibitions in euro](#)
- [« Suitability Analysis Process of component »](#)
- [« Embedded Systems & Advanced Digital Syst](#)
- [« Design »](#)
- [« summer school unu iist »](#)
- [« posix 1003 standard »](#)
- [« rtas 2008 »](#)
- [« Computer process control using matlab phd th](#)
- [« årzen real-time tutorial »](#)
- [« flexray trend »](#)
- [« exemplary embedded system lecture »](#)
- [« university of twente strategic management »](#)
- [« castness »](#)
- [« Artist »](#)
- [« Dagstuhl WCET »](#)
- [« Huibiao zhu »](#)



THANK YOU

