

3AE



10th
EDITION **EUROPEAN
CONGRESS**

EMBEDDED REAL TIME SYSTEMS

ERTS 2020

FROM 29th TO 31st JANUARY / TOULOUSE FRANCE
PIERRE BAUDIS CONGRESS CENTER





EMBEDDED REAL TIME SYSTEMS

ERTS 2020

ERTS Back to the future

**Louis-Claude Vrignaud, Public-Private Partnership
Director, Continental Automotive France**

1st Congres in 2002

PROGRAM COMMITTEE

- Président : Marc PELEGRIN - Fedespace
- **Jean-Paul BLANQUART** - Astrium Space
- Marc CHARLET - S.I.A.
- Guy DESTARAC- A.A.A.F.
- Michel FAUVEAU - C.N.E.S.
- Jack FOISSEAU- O.N.E.R.A.
- Robert LOPEZ - SIEMENS VDO Automotive
- Pierre MALATERRE - PSA Peugeot-Citroën
- Zoubir MAMMERI – Université Paul SABATIER
- Pascale THEVENOD - L.A.A.S. – C.N.R.S.
- François VERNIERES - I.E.R.S.E.T.
- **Louis-Claude VRIGNAUD** - SIEMENS VDO Automotive

PROGRAM

- No Call for Paper
- 4 Sessions in sequence, 4 keynotes, 17 presentations



1st Congres in 2002

SESSION A : Les défis, hier et aujourd'hui **Président : Marc PELEGRIN**

- 9 h 15 **Aéronautique** : Logiciels embarqués en aéronautique : défis d'hier et d'aujourd'hui
Jean Michel NOGUE - Airbus France
- 9 h 45 **Espace** : Contribution à l'historique des défis du spatial dans le domaine des LTR
André CARIOU, Technical Adviser – EADS-LV
- 10 h 15 **Automobile**: Towards a million of lines of code per electronic control unit: past, present and future of embedded automotive software
Dr. Michael REINFRANK & al, Siemens VDO Automotive
- 10 h 45 **Ferroviaire** : L'avènement de l'informatique sécurisée dans le transport ferroviaire.
Louis MOREAU, MATRA Transport International

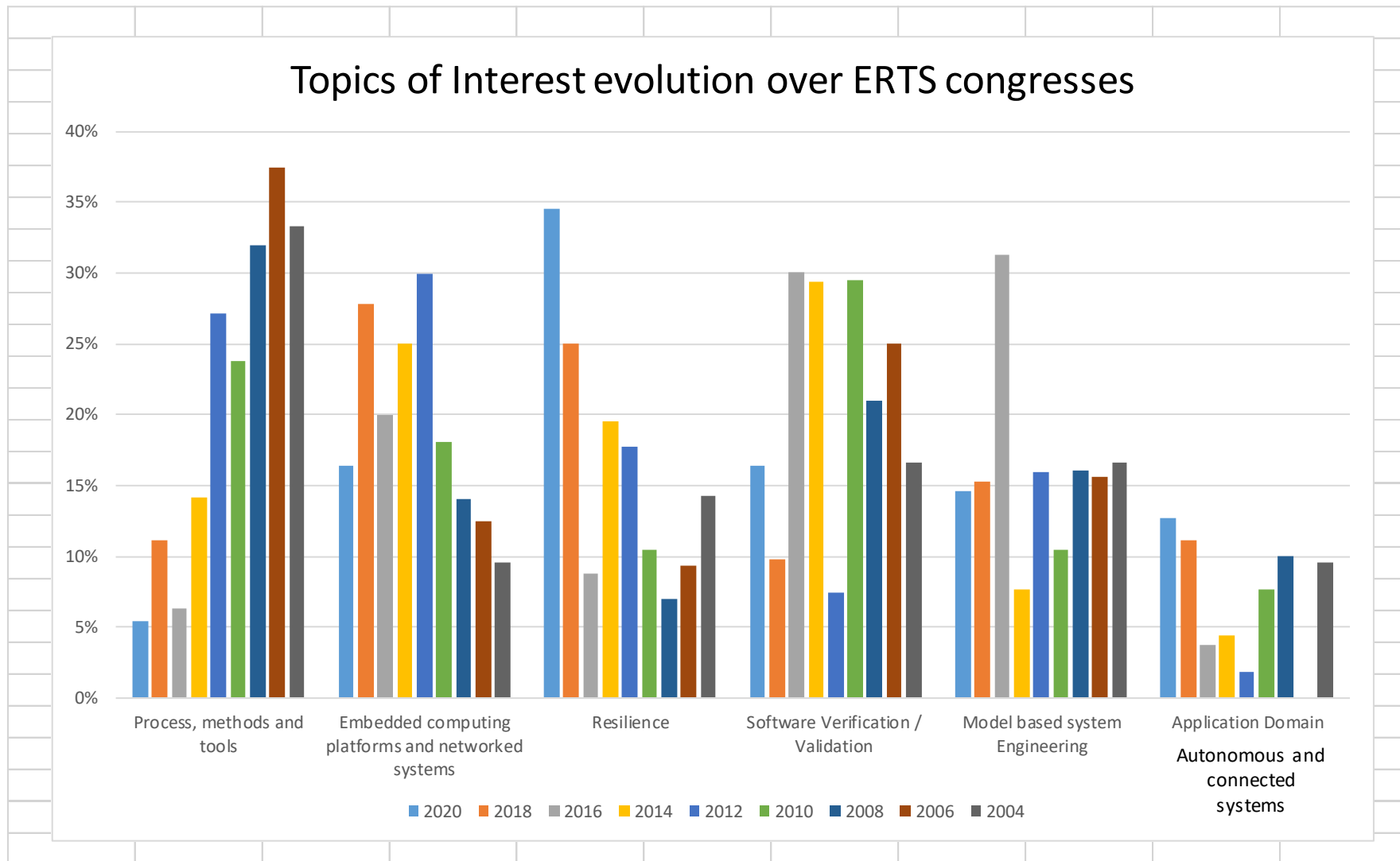
ERTS History Key dates

- 2004 : Congress naming **Embedded Real Time Software**
 - Program Committee Chairman : **Mr LAPRIE Jean-Claude** – LAAS-CNRS
 - Location : Congress Center Pierre Baudis
- 2006 : Visit of A380 Assembly line at Airbus (1st flight test 27.04.2005)
- 2010 : Congress renaming **Embedded Real Time System and Software**
- 2012 : Program Committee Chairman : **Mr SIFAKIS Joseph** – 2007 Turing award – VERIMAG
- 2018 : Introduction of Award and poster session (short paper)
- 2020 : Congress renaming **Embedded Real Time System**
 - System renaming for hardware, software and system scope discipline
 - Program Committee Chairman : **Mr ARLAT Jean** – UK French Embassy / LAAS-CNRS
 - All **ERTS publications** since 2004 are released in **HAL repository**



In memory of
Jean-Claude
LAPRIE

ERTS Topic of interest survey



Thanks to...

- ERTS 2020 Programme Committee: 73 people
- ERTS 2020 Scientific Committee
- ERTS 2020 Industrial Chairs
- ERTS 2020 Programme Committee Chair
- All the authors
- All the exhibitors
- Local and national 3AF & SEE Presidents and staffs

ERTS2020 Instructions

- Congress program : See **programme in the bag** or visit <https://www.erts2020.org>
 - @Presenter: upload before your session your presentation in "Preview Room" (level 0)
- Exhibition is only two days – Concorde Room (level -1)
Wednesday 29th and Thursday 30th
- Poster will be exhibited in Concorde Room (level -1)
All day long Thursday 30th
- Break will take place in Exhibition area – Concorde Room (level -1)
except on Friday - Foyer Ariane (level +1)
- Lunch and Gala dinner will take place in Caravelle Room (level 0)
- **Awards ceremony will take place during the Gala Dinner**
- @Session Chair : Please keep session timing under Control
- @All participant: Please respect time of session starts



ERTS2020 Community Code

Questions during Opening, Keynote, Panel and Special Focus

Install Messenger or Tweeter

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Open Access WIFI

Network : ERTS2020

Password : ERTS2020