



## In Tribute to François Anceau

# “Trends on Computing Systems” Day

Tuesday June 14<sup>th</sup>, 2022

Grenoble INP-UGA

46 Av. Félix Viallet, 38031 Grenoble (France)

1940-2020

### Face-to-face and On-line Event

Organized by IFIP WG10.5 “Design and Engineering of Electronic Systems”

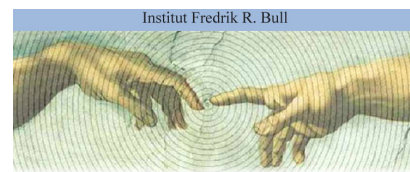
*François Anceau was a pioneer in the design and automation of silicon processors and embedded computing systems. Professor of the ENSIMAG/Grenoble INP Engineering School in the first part of his academic career, he contributed to the creation of a “Grenoble school” on computer architecture in the 70s and early 80s, building a world-wide reputation that has endured until today. Responsible of the Computer Architecture Group of the former Jean Kuntzmann’s LA7 Laboratory until the early 80s, he was the founder of the CMP Service in 1981. His group evolved as part of the TIM3 Laboratory later in the 80s and next formed TIMA Laboratory in the early 90s. In the mid 80s, he joined Bull enterprise in Clayes Sous-Bois where he lead pioneering industrial work on embedded computing systems. Outstanding teacher and prolific researcher, he completed his academic career in the Ecole Polytechnique in Paris from the 90s to the late 00s. Extremely enthusiast and passionate of his field, he collaborated with the CNAM in Paris until his very last days.*

This event is a tribute in memory of François Anceau. It includes talks on the past, present and future of embedded computing systems. These talks are given by internationally well-known personalities in the field, complemented with testimonials from François Anceau’s relatives, colleagues and former students (see **Program** in the next page).

Further details on François Anceau’s biography can be found here (in French):  
[In Memoriam François-Anceau Association IMAG](#)

**Registration** is free but compulsory for both on-site and on-line participation

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### FINAL PROGRAM (CET Time)

08:30-09:00		Welcome Coffee
09:00-09:15	Chairs: S.Mir/A. Jerraya	<b>Introduction</b>
09:15-10:15	Chair: A. Jerraya	<b>Memorial Talk</b> <i>Contribution of Professor François Anceau to the design of BULL's mainframes</i> Monika Obrebska (France) [45 min] <b>Memorial Talk</b> <i>On François Anceau's "Thèse d'Etat" in hierarchical system architectures</i> Jean Rohmer (De Vinci Research Center, France) [15 min]
10:15-10:30	Chair: D. Etiemble	<b>Testimonials</b>
10:30-11:00		Coffee break
11:00-12:30	Chair: V. Grimblatt	<b>Scientific Talk</b> <i>Enabling technologies and design methods for electronic systems</i> Giovanni De Micheli (EPFL, Switzerland) [45 min] <b>Industry Talk</b> <i>Challenges and opportunities for computer design in the days of quantum, in-memory computing and security breaches</i> Yankin Tanurhan (Synopsys, USA) [30 min] <b>Memorial Talk</b> <i>Setting up the CMP</i> Alain Guyot (France) [15 min]
12:30-14:00		Lunch break

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## FINAL PROGRAM (CET Time)

14:00-14:30	Chair: H. Delori	<b>Testimonials</b>
		<b>Scientific Talk</b> <i>20 years of MPSoC architecture evolution in the SLS group of TIMA</i> Frédéric Rousseau (TIMA, France) [30 min]
14:30-15:45	Chair: B. Courtois	<b>Memorial Talk</b> <i>CMP: 40 Years of IC &amp; MEMS Prototyping and Low Volume Production</i> Kholdoun Torki (CMP, France) [15 min]
		<b>Scientific Talk</b> <i>Visions on the future of computing systems</i> Marc Duranton (CEA, France) [30 min]
15:45-16:15		Coffee break
		<b>Memorial Talk</b> <i>François Anceau a professor and a researcher at Ecole Polytechnique</i> Yvan Bonnassieux (Ecole Polytechnique, France) [15 min]
		<b>Scientific Talk</b> <i>Trends on Micro/Nanoelectronics Systems</i> Ricardo Reis (UFRGS, Brazil) [45 min]
16:15-17:45	Chair: J.-C. Crébier	<b>Memorial Talk</b> <i>From the first MPC-Activities of Francois Anceau towards Ubiquitous Open-Science Hardware: a Status Overview</i> Manfred Glesner (Tech. Univ. Darmstadt, Germany) [15 min]
		<b>Memorial Talk</b> <i>45-year CPU evolution: Moore's law and two equations</i> Daniel Etiemble (France) [15 min]
17:45-18:00	Chair: R. Reis	<b>Testimonials</b>
18:00-18:05	Chairs: S. Mir/A. Jerraya	<b>Conclusion</b>
18:05-19:00		Farewell Cocktail
		ACONIT Visit
19:00-20:30	A. Guyot	(700 meters away, 8 minutes on foot) <a href="#">See ACONIT website here</a>

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