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IV19 | 30TH IEEE INTELLIGENT VEHICLES SYMPOSIUM
9▸12 JUNE 2019 • PARIS

Flexible and Robust Control Architectures for Intelligent/Auto
(FRCA-IAV): Formal Methods vs. Machine Learning approaches for

Workshop Program -- 13:30-17:30

Preliminary program, may be subject to changes

13:30 - 13:40

Welcome & Introduction	

13:40 - 14:30

Keynote speaker 1 talk:	“

more details

14:30 - 14:50	

(paper 1)	“

14:50 - 15:10	

(paper 2)	“

15:10 - 15:40

Coffee Break (30mn)	

15:40 - 16:30

Keynote speaker 2 talk:	“

more details

16:30 - 16:50	

(paper 3)	“

16:50 - 17:10	

(paper 4)	“

17:10 - 17:30

(paper 5)	“

17:30

Closing	

Short Description: This workshop aims to focus on the advantages and limitations of using different kinds of innovative control architectures for autonomous vehicles: based on formal approaches or/and based on machine learning. Submissions illustrating synergetic combinations of these two general methodologies, to obtain a flexible and robust navigation of vehicles in complex environments/scenarios, are in a special interest of the workshop.

Keywords: Intelligent/autonomous vehicles, flexible and robust control architectures, short- vs. long-term planning, long-term autonomy, flexible navigation/maneuvering, reliability guarantees,

motion algorithmization, risk assessment and management, connected and cooperative vehicles, model-based approaches, data-driven approaches, ADAS.

Important dates:
Workshop paper submission deadline: February 7, 2019
Notification of workshop paper acceptance: April 5, 2019
Final workshop paper submission: April 26, 2019
Workshop date: **June 9, 2019**

During the submission phase, it is important to mention the code: FRCA-IAV (correspondi ng to the acronym of the workshop).

More details on the workshop details, motivations, main topics of interest and global organization are given though this link .

Workshop organizers:

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