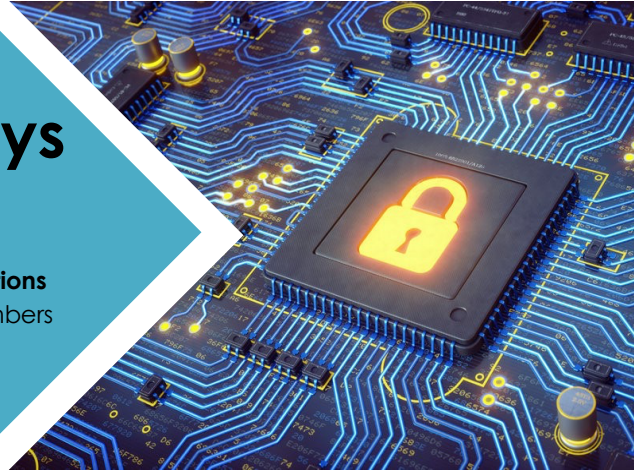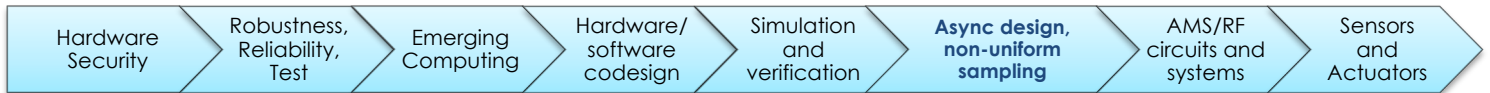# TIMA Scientific Days

These Scientific Days are meant to present the research topics and to disseminate the recent advances of TIMA researchers. **These presentations are open to everybody**, whether they are members of TIMA or not.

SAVE THE DATE

Topic: Asynchronous Circuit Design
TIMA Laboratory, 46 avenue Félix Viallet

October 28th, 2021 – Amphi Barbillon + ZOOM Meeting

Hardware Security	Robustness, Reliability, Test	Emerging Computing	Hardware/ software codesign	Simulation and verification	**Async design, non-uniform sampling**	AMS/RF circuits and systems	Sensors and Actuators

Program	
14h00 – 14h30	Introduction to asynchronous circuit design – Laurent Fesquet
14h30 – 15h00	*Designing Bundled-Data circuits with the LCS methodology – Yoan Decoudu – Cristiano Merio*
15h00 – 15h30	*Shapping EM emissions with asynchronous circuits – Sophie Germain (STMicroelectronics)*
15h30 – 15h45	*Break*
15h45 – 16h00	*From HLS to FDSOI asynchronous circuits – Yoan Decoudu*
16h00 – 16h15	*Event-based Image Sensors – Mohamed Akrarai*
16h15 – 16h30	*Self-Timed Rings for N-path mixers – Hasan Moussa*
16h30 – 16h45	*An asynchronous approach for NFC applications – Rodrigo Iga*

For more information, please contact: Laurent Fesquet – Laurent.Fesquet@univ-grenoble-alpes.fr

Join Zoom Meeting
https://univ-grenoble-alpes-fr.zoom.us/j/93052759790?pwd=Z3FLektONDluWmFZNWV3Y2t4TnBUQT09

Meeting ID: 930 5275 9790

Passcode: 461266