



## Newsletter #3 – March 2019

### Editorial

For this edition of our newsletter, we wish to congratulate [Claude Castelluccia](#) (member of Grenoble Alpes Cybersecurity Institute steering committee) for receiving the [AMiner's Most Influential Scholar Award](#) in recognition of his outstanding contributions to the field of Security and Privacy. Claude also recently published, along with Daniel Le Métayer, a report for the European Parliament on the opportunities and risks related to the use of [Algorithmic Decision Systems](#).

We also wish to remind you that registration is opened for our upcoming [Partners' Day](#) that will take place on April 5<sup>th</sup> in the Auditorium of the IMAG building.

Finally, this edition's monthly column continues our journey through the labs composing our community, with a focus on the [LSOSP lab](#) (CEA-LETI).

### Events

[Grenoble Alpes Cybersecurity Institute Partners' Day](#) – April 5th 2019

The Grenoble Alpes Cybersecurity Institute is pleased to announce that its first Partners' Day will take place in the Auditorium of the IMAG building on April 05th 2019 (09:00 - 13:30). This event represents the opportunity to describe our missions and to answer all of your questions regarding potential collaborations. Registration is now opened [here](#).

[Cyber@Alps is co-sponsoring the first edition of WRAC-H](#) – April 15-19th 2019

CNRS/Sorbonne Université is hosting the first Workshop on Randomness and Arithmetics for Cryptography on Hardware (WRAC-H) in Roscoff (France), co-sponsored by the Cybersecurity Institute. Registration is now opened [here](#).

[RESSI'19](#) – May 15-17th 2019

Cyber@Alps will be present at [RESSI'19](#) with two teaching papers (Cédric Lauradoux (Inria), Marie-Laure Potet and Laurent Mounier (Verimag)), a presentation of the project [ASTRID SACADE](#) (Scénarios d'Attaque Contre Automates avec Distribution et Encapsulation) by Stéphane Mocanu (LIG) and a presentation entitled "Les défis posés par la sécurisation de l'IoT industriel" by Maxime Puys et Pierre-Henri Thevenon (CEA-LETI).

[JAIF'19](#) – May 23rd 2019

Following the [2018 edition](#) held in Jussieu (May 29 2018), the Cybersecurity Institute is co-sponsoring a workshop on Fault Injection that will take place on May 23 2019 on the Minatec campus. Registration is now opened [here](#).

[Global Challenges Science Week](#) – June 3-6th 2019

During the Global Challenges Science Week, the Grenoble Alpes Cybersecurity Institute will organize a workshop entitled "*Cybersecurity and society: on the necessity of an interdisciplinary approach*". The full program and registration form is available [here](#).



## Accepted papers and conferences

- Elise Alfieri, Radu Burlacu, Geoffroy Enjolras, **Was the 2017 Crash of the Crypto-Currency Market Predictable?**, [International Multi-Conference on Complexity, Informatics and Cybernetics \(IMCIC'19\)](#), Orlando, USA, March 12-15 2019
- Coline Boniface, Imane Fouad, Nataliia Bielova, Cédric Lauradoux, Cristiana Santos, **Security Analysis of Subject Access Request procedures**, [Annual Privacy Forum 2019](#), Rome, Italy, June 12-14 2019

## Internship opportunities

Several internship opportunities are still opened.

- [Administration système et développement d'applications web](#)
- [Etat de l'art scientifique sur l'intégration des nouveaux risques de cyberattaque par les entreprises industrielles](#)
- [Vulnérabilités et évaluation des générateurs de nombres aléatoires des composants sécurisés](#)
- [Implementation of Post Quantum Cryptographic algorithms using High Level Synthesis tools on FPGAs](#)

## PhD positions

- [Vulnerability search in Industrial Control Systems: a reverse engineering approach](#)
- [Hardware/Software co-design of countermeasures against fault injection](#)
- [Tools and methods for securing a memory hierarchy against software side-channel attacks](#)
- [Study of new solutions for the security of embedded systems](#)
- [Protecting binary elliptic curve cryptography against Template attacks and Horizontal attacks](#)
- [Securing integrated circuits against deep learning based attacks](#)
- [Resistant and resilient processor to fault attacks and side-channel attacks](#)
- [Sécurisation matérielle de cryptographie post-quantique basée sur les isogénies entre courbes elliptiques](#)

## Job opportunities

- [Assistant engineer for the development of a Cybersecurity platform](#)



## Monthly column

### Focus on: LSOSP Lab - Laboratoire de Sécurité des Objets et Systèmes Physiques

*Olivier Savry (CEA-LETI/LSOSP)*



The LSOSP (Laboratoire de Sécurité des Objets et Systèmes Physiques) and its 30 permanent staff are one of the two pillars of security within the [CEA LETI](#). Its mission is to perform research and innovate in the field of security of connected objects for the IoT and the components of the CPS (Cyber Physical systems). Its positioning makes it a strong support to industrial partners in the context of bilateral but also multi-partner projects for example in the framework of the [IRT Nanoelec](#). [Read more](#)