



Newsletter #2 – February 2019

Editorial

For this second edition of this newsletter, the Grenoble Alpes Cybersecurity Institute is proud to announce that the program of its first Partners' Day is now [available](#). The event will take place on April 5th 2019 in the Auditorium of the IMAG building. We would also like to remind you that the registration is now opened for our first seminar, taking place on March 12th 2019, entitled « Internet-wide Measurements for Cybersecurity: The Case of DNS Zone Poisoning » and presented by [Maciej Korczynski](#) from the LIG laboratory. Finally, our monthly column will offer you a closer look on the research activities on vulnerability analysis conducted by the Verimag lab.

Events

[Seminar « Internet-wide measurements for Cybersecurity » - Maciej Korczynski](#) – March 12th 2019

The Grenoble Alpes Cybersecurity Institute is pleased to announce that the seminar entitled « Internet-wide Measurements for Cybersecurity: The Case of DNS Zone Poisoning » will be presented by [Maciej Korczynski](#) (LIG) in the Esclangon Amphitheater on March 12th 2019 (13:30-14h45). Registration is now open [here](#).

[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 will be opened soon.

[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.

[RESSI'19](#) – May 15-17th 2019

[Marie-Laure Potet](#) (Technical coordinator of the Cybersecurity Institute) is a member of the steering committee organizing the 2019 edition of RESSI (Rendez-vous de la Recherche et de l'Enseignement de la Sécurité des Systèmes d'Information).

[SAVE-THE-DATE] Workshop on Fault injection – 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. More information will be available shortly.

[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*".



Internship opportunities

Several internship opportunities are still opened.

- [Développement de modèles déterministes et probabilistes pour la détection et le diagnostic de cyber-attaques dans les ICS](#)
- [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](#)

Job opportunities

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

Monthly column

Focus on: Verimag – Research activities on tools for vulnerability analysis

Laurent Mounier and Marie-Laure Potet



Research activities of [Verimag/PACSS](#) aim to improve the security of software systems. Our objective is to develop specific code analysis techniques, allowing to reason both on high-level and low-level code representations, and able to take into account dedicated attacker models. Currently this work mostly focuses on the following topics: vulnerability detection and analysis, robustness against code injection, and security of industrial systems. [Read more](#)