EDITORIAL

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ARIS² - Advanced Research on Information Systems Security an International Journal

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1. INTRODUCTION

Securing information, actors and their systems have become a paramount challenge in recent years.

In the first regular issue of 2021 of the ARIS² - Advanced Research on Information Systems Security, an International Journal, in four of the five articles, problems of information security are addressed with a practical and theoretical view, with origin in academic centers and research from masters and doctoral students. The remaining work concerns a broader aspect of information systems and was accepted due to its superior quality of research and content.

Information security, awareness, and resilient systems are a cornerstone of modern information systems, and have additional responsibility nowadays, namely and above all, maintaining secure users' personal private information [1]. The massive usage of resources that enable fast connectivity, e.g., the smartphone, brought new dangers and challenges that industries must consider before selling them to the public [2].

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Here, in this precise moment, industries fail, and academic research appears with constant solutions that should be announce to the world, in the form of scientific research [3].

Furthermore, recent studies indicate that information security is a growing field of research but not one that is simple and linear [4]. Research indicates that for every breakthrough in security, a new lope hole or zero day is created and this is not attended by the media. Zero-Day have a form of impacting organizations and people in general, after a large time of activity incognito [5]. It is throughout research and investigation that recurs to techniques such as forensics and threat analysis, that societies can anticipate the impact of a zero-day vulnerability, towards a more secure use of technology [6].

2. STRUCTURE

In the first Issue of the ARIS² - Journal, the reader will have *online* access to five research works about:

1. GDPR Compliance Made Easier: The BPR4GDPR Project.
2. Paranoid OS: Wearable Trackers;
3. Detection and Handling of Threats in Pre-Established Networks Through a Junior Perspective in Internship Scenario;
4. Hackers and Cybercrime - Computer security: Ethical Hacking - Learn the attack for better defense;
5. Services Integration and Edge Computing for Effective Beekeeping.

The papers evaluated by triple blind review system belong to authors who have presented the results of their studies that fit in the scientific areas of the ARIS² Journal; so, they were accepted for publication in this international scientific journal.

3. ACKNOLEDGEMENTS

We would like to thank the authors who have submitted their manuscripts and all the reviewers for their valuable contributions. The scientific importance of the publications in this Issue of the ARIS² - Journal is a strong reason for other authors to submit works for future Regular and Special Issues.

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