

PAINLESS

An innovative training network (ITN) on
Energy-autonomous portable access points for
infrastructure-less networks

NEWSLETTER DATE
June 2022



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 812991

Painless has also contributed to the **Digicosme** spring school hosted by the Université Paris-Saclay in Paris, from 5 – 8 of April, titled *Emerging and Future Communication Networks: Technologies, Architectures and Tools*. The school included a host of international researchers including Osvaldo Simeone; Laurent Schmalen; Nikolaos Pappas; Harald Haas; Marco Di Renzo; Lajos Hanzo Vittorio Degli Esposti; Luca Sanguinetti; Hesham Elsayy; Alessio Zappone Mohammed Slim Alouini; Christos Masouros; Giovanni Geraci

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Overview and Speakers**

PAINLESS RESEARCH PROJECTS' UPDATES

**PAINLESS has recently conducted
its fifth Summer School In Athens**

Hosted by ALBA

Several world-renowned speakers took part in our schools to discuss the current state of the art in wireless communications & the mathematical tools underpinning it, in addition to a whole day session with hands-on leaders on Entrepreneurship. Our School was well received with many registered attendants from across the globe. Please check out our video recordings on our website and on youtube to catch up!

5th Summer School Speakers



Petar Popovski

PETAR POPOVSKI (Fellow, IEEE) received the Dipl.-Ing. and M.Sc. degrees in communication engineering from the University of Sts, and the Cyril and Methodius in Skopje and the Ph.D. degree from Aalborg University in 2005, where he is a Professor with Aalborg University, where he heads the Section on Connectivity. His research interests are in the area of wireless communication and communication theory.

Professor Popovski provided a comprehensive overview on Challenges and Possibilities for Wireless Connectivity on the Path beyond 5G.



Ioannis Krikidis

Prof Ioannis Krikidis is an Associate Professor at the University of Cyprus. I am the director of the [IRIDA Research Centre for Communication Technologies](#) and the Mobile Communications and Networking (MCN) laboratory, which conduct research in the broad area of communication theory, communication signal processing, wireless communications and networks. A Consolidator grant holder and a Fellow of the IEEE.



Prof. George Alexandropoulos

Prof. George Alexandropoulos is Assistant Professor for Wireless Communication Systems and Signal Processing at the University of Athens. My research and development activities in the general areas of algorithmic design, optimization, and performance analysis for wireless communication networks with emphasis on multi-antenna transceiver hardware architectures, active and passive reconfigurable metasurfaces, integrated communications and sensing, millimeter wave.



Prof. Angeliki Alexiou

Prof. Angeliki Alexiou is a professor at the department of Digital Systems, ICT School, University of Piraeus. She is a co-recipient of Bell Labs President's Gold Award in 2002 and the Central Bell Labs Teamwork Award in 2004. She is the Chair of the Working Group on Radio Communication Technologies and of the Working Group on High Frequencies Radio Technologies of the Wireless World Research Forum. She is a member of the IEEE. Her current research interests include radio interface for 5G systems and beyond, MIMO and high frequencies (mmWave and THz wireless) technologies, cooperation, coordination and efficient resource management.



Prof. Anna Tzanakaki

Prof. Anna Tzanakaki is an Associate Professor at the National and Kapodistrian University of Athens, Greece. She serves and has served as a technical expert for the EU, the national research councils of Greece, UK and Portugal. She has actively participated in a number of European and national funded research collaborative projects and is the technical coordinator of the EU 5G PPP project 5G-VICTORI. Her research interests include converged systems and networks.

5th summer School Speakers



Prof. George Kokosalakis,



Prof. Katerina Voutsina



Dr. Alexandros Eleftheriadis



Mr. George Vardaxoglou

Prof. George Kokosalakis, Exec. Director, ACG, is the Executive Director of the Center of Excellence in Logistics, Shipping & Transportation, holding an Assistant Professor position at ACG. Dr. Kokosalakis graduated from Massachusetts Institute of Technology holding Doctorate and Master's degrees in Civil and Environmental Engineering along with parallel studies in business administration. A shipowner, manager, and entrepreneur himself with broad experience in the industry. His interests include areas combining management, operations, engineering, monitoring, energy conservation, and environmental preservation.

Prof. Katerina Voutsina, Director of Entrepreneurship, is an assistant professor in Entrepreneurship Management at the School of Business. Her research interests focus on the cognitive, organizational and socio-economic aspects of technological innovation and entrepreneurship. In particular, new forms of organizing, strategic entrepreneurship, nascent entrepreneurship and socio-technical innovation lie at the gist of her research. Her work has been published in international referred journals and presented at international conferences. She has also served as a reviewer for scholarly journals and academic conferences.

Dr. Alexandros Eleftheriadis, Partner, Big Pi, is a Partner at Big Pi Ventures, an early-stage deep-tech venture capital firm focusing in Greece. Co-founder and Chief Scientist of Vidy, an early pioneer of videoconferencing that introduced the architecture now used universally by all providers. Started career as a professor of Electrical Engineering at Columbia University. More than 150 patents internationally, dozens of which are used in video coding and digital television standards including H.264A

Mr. George Vardaxoglou, COO, Innotics is the Chief Operating Officer of Innotics, now part of Samsung, since 2016. His passion is to inspire innovation in challenging contexts, to lead the unfolding of innovative entrepreneurial activities, and to build strategic partnerships. He has conducted extensive work in evaluating and restructuring businesses and research organizations and has have undertaken a number of roles which include work for Motorola, the Economic and Social Research (ESRC), the Northern Leadership Academy, and the Centre for Technology, Innovation and Entrepreneurship at the University of Leeds, UK.



Mr. Stergios Anastasiadis



Athanasios Krystallis

Mr. Stergios Anastasiadis, Genesis Ventures, General Partner with Genesis Ventures, Angel Investor, Software Developer, Mentor | ex-Google, Shopify. He is a technology guru. Investor in technology startups with IPOs and acquisitions. Disruptive Innovator. An innovative and creative technology leader that knows how to build talented teams at scale that gets shit done. 25+ years of Software Development experience in R&D. Experience with Big Data, Machine Learning, and Infrastructure.

Prof. Athanasios Krystallis Dr. Athanasios Krystallis is Executive Director of the Center of Excellence in Food, Tourism and Leisure (CoEFTL) and an Associate Professor of International Business in The American College of Greece (ACG). Athanasios also is an Adjunct Researcher at the Department of Management, Athens University of Economics and Business. Prior to that, he was a Professor of Food Marketing at Aarhus University School of Business, Denmark. His area of expertise is the development of market research designs to study customer behavior towards differentiated products/services and customers' buying attitude & choice. His expertise lies in FMCG/B2B product differentiation and the development of new offerings incorporated into a wider customer-centric logic.

Sample Pictures from the Event











