

Online Complementary Courses on "Standardization, patent writing and IPR management" and "Competitive proposal writing and project management"

Tuesday 11th - Friday 14th of November 2025

Coordination and Technical Supervision by:

[Prof. Dionysis Xenakis](#), National and Kapodistrian University of Athens

Head of the X-TREND: industry X.0 Twins, REality and Network eDge technologies research group

In collaboration with the research group of [Prof. Amalia Miliou](#), Aristotle University of Thessaloniki

Organized by the EU-funded actions



[MSCA-DN-ELIXIRION](#) (G.A. 101120135): rEaLizing healthcare 4.0 eXploring the 6G netwoRk evolution
Project Coordinator: [Prof. Amalia Miliou](#) (AUTH)



[MSCA-SE-SOVEREIGN](#) (G.A. 101131481): distributed ledger technologies and user-driven automation towards self-SOVEREIGN mobile data access in beyond 5G networks
Project Coordinator: [Prof. Dionysis Xenakis](#) (NKUA)



[MSCA-SE-EXARCH](#) (GA 101236244): sErvitization of Industry X.0 Assets powered by secure, Resilient and immersive digital twin teCHnologies
Project Coordinator: [Prof. Dionysis Xenakis](#) (NKUA)



[MSCA-SE-AeroNet](#) (GA 101236523): In-flight Broadband Connectivity and Experimentation for Beyond 5G Networks
Project Coordinator: [Prof. Tasos Dagiuklas](#) (LSBU)

The Courses are under the auspices of

HELLENIC REPUBLIC National and Kapodistrian University of Athens EST. 1837	ARCHIMEDES NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	Archimedes Center for Innovation and Entrepreneurship
ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ Εθνικόν καὶ Καποδιστριακόν Πανεπιστήμιον Αθηνών ΙΔΡΥΘΕΝ ΤΟ 1837 ΕΤΑΙΡΕΙΑ ΑΞΙΟΠΟΙΗΣΗΣ ΚΑΙ ΔΙΑΧΕΙΡΙΣΗΣ ΤΗΣ ΠΕΡΙΟΥΣΙΑΣ ΤΟΥ ΠΑΝΕΠΙΣΤΗΜΙΟΥ ΑΘΗΝΩΝ		Funding Support Office of the National and Kapodistrian University of Athens
MBA HELLENIC REPUBLIC National and Kapodistrian University of Athens EST. 1837		The Master's Program of the National and Kapodistrian University of Athens in "Business Administration"
mscFINTECH ΕΞΕΛΙΞΗ - ΚΑΙΝΟΤΟΜΙΑ - ΠΡΟΚΛΗΣΗ		The Master's Program of the National and Kapodistrian University of Athens in "Financial Technology/ FINTECH"

Standardization, patent writing and IPR management

[Meeting link here](#) for days 1 and 2

1st Day: Tuesday 11th of November 2025

Time	Speaker	Title	Syllabus
9:00-10:45	Dr. Lechoslaw Tomaszewski (ORAN)	Standards and regulations in the wireless Telecoms	<ul style="list-style-type: none"> • Do we need standards and regulations? • Regulations in the wireless communications - Regulatory framework for mobile communication networks, global/regional/national levels, bodies, legislation
10:45-11:15	Coffee Break		
11:15-13:00	Dr. Lechoslaw Tomaszewski (ORAN)	Standards and regulations in the wireless Telecoms	<ul style="list-style-type: none"> • Standards in the wireless communications - 3GPP, ITU, ETSI, IEEE, IETF, O-RAN
13:00-14:00	Lunch Break		
14:00-15:45	Dr. Xavier Pons (AIRBUS)	Standards and regulations in the NTN	<ul style="list-style-type: none"> • TBD
15:45-16:15	Coffee Break		
16:15-18:00	Dr. Xavier Pons (AIRBUS)	Standards and regulations in the NTN	<ul style="list-style-type: none"> • TBD

2nd Day: Wednesday 12th of November 2025

Time	Speaker	Title	Syllabus
9:00-10:45	Dr. Lechoslaw Tomaszewski (ORAN)	SNS, 3GPP, ITU, ETSI pre-standardization activities related to the research challenges of the project	<ul style="list-style-type: none"> • TBD
10:45-11:15	Coffee Break		
11:15-13:00	Dr. Lechoslaw Tomaszewski (ORAN)	SNS, 3GPP, ITU, ETSI pre-standardization activities related to the research challenges of the project	<ul style="list-style-type: none"> • TBD
13:00-14:00	Lunch Break		
14:00-15:45	Dr. Yiannis Dimitrakopoulos (Technology Transfer Office Manager at Archimedes Center of NKUA)	Patent writing, focusing on patent structure and language, inventive steps, standard essential patents, patent classification.	<ul style="list-style-type: none"> • TBD
15:45-16:15	Coffee Break		
16:15-18:00	Dr. Yiannis Dimitrakopoulos (Technology Transfer Office Manager at Archimedes Center of NKUA)	Introduction to Intellectual Property Rights, infringement, foreground/background.	<ul style="list-style-type: none"> • TBD

Competitive proposal writing and project management

[Meeting link here](#) for days 3 and 4

3rd Day: Thursday 13th of November 2025

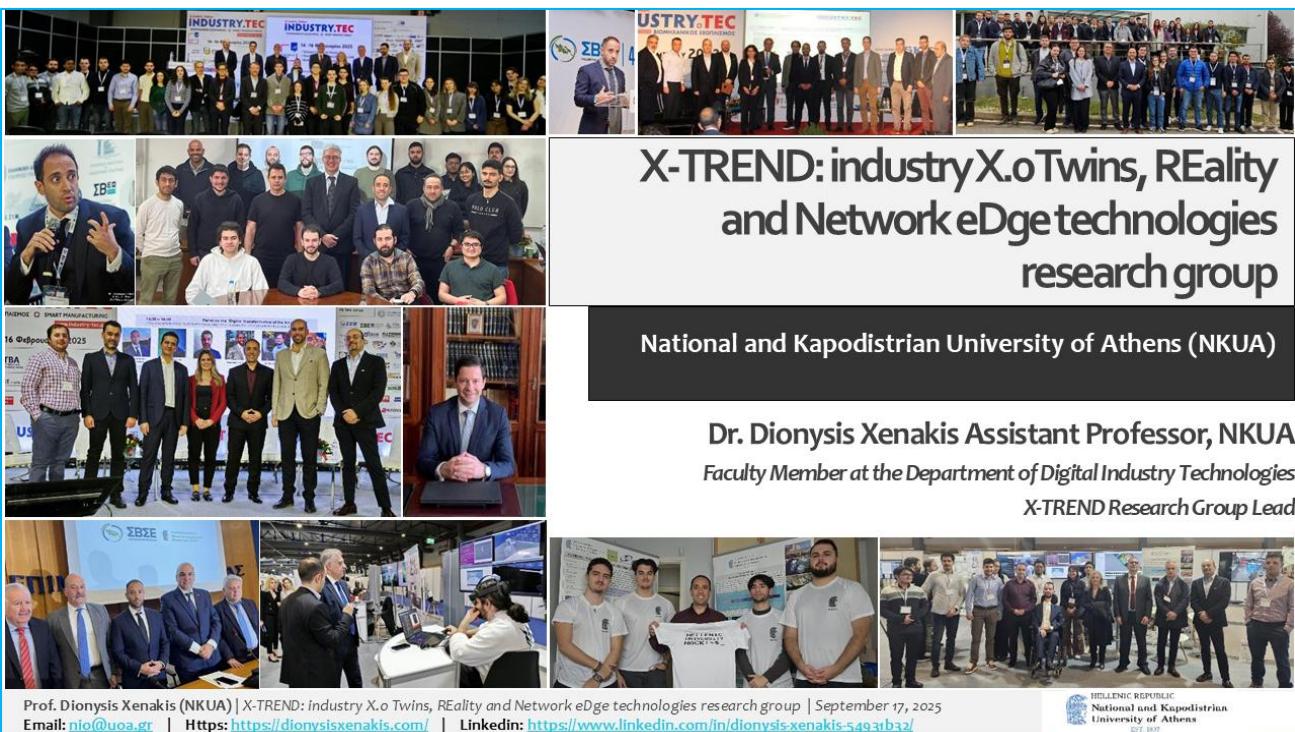
Time	Speaker	Title	Syllabus
9:00-10:45	Dr. Dimitrios Apostolopoulos (NTUA)	EC funding opportunities HORIZON EUROPE & Research project Management principles	<ul style="list-style-type: none"> Horizon Europe at a glance: pillars, clusters, TRLs, RIA/IA/CSA & where to find calls Finding the right fit: decode “scope-expected outcomes-impact”, eligibility, KPIs, and Work Programme reading tips EU Funding & Tenders Portal: account & roles, PIC validation, organisation data, partner search, call page anatomy How to submit: Part A (forms, budget, consortium, ethics/security flags) + Part B (Excellence-Impact-Implementation templates), annexes, validations, final checks, submission receipt & resubmission rules Winning proposals & reviewer mindset: scoring criteria, impact pathways, credible workplan/ budget, risk/IP/Exploitation, common pitfalls & quick checklists
10:45-11:15	Coffee Break		
11:15-13:00	Dr. Giannis Kanakis (NTUA)	Competitive proposal writing- Explanation of different proposal sections	<ul style="list-style-type: none"> Pick a Horizon Europe call Impact sprint (3 teams- Economic, Scientific/Technical, Social): 5-slide presentation per team linking to Expected Outcomes; quantify scale & significance, define target groups Draft the WP map and draw the pert chart, showing inter-WP dependencies and the critical path WP deep-dive: choose one WP and specify objective, tasks (T.x.y), deliverables (D.x.y), milestones (M.x.y) Create a budget sheet of your institution (PMs & costs)

			<ul style="list-style-type: none"> ● Portal dry-run: fill Part A mock forms, run validation, compile a submission checklist
13:00-14:00	Lunch Break		
14:00-15:45	Mr. Stamatis Kolovos (NKUA)	Project management-1: Consortium Agreement, Grand Agreement, meetings, audits, reviews as well as financial and administrative aspects	<ul style="list-style-type: none"> ● TBD
15:45-16:15	Coffee Break		
16:15-18:00	Dr. Nikos Passas (NKUA)	Guidelines for writing successful proposals including the preparation stage and building a strong consortium	<ul style="list-style-type: none"> ● Introduction – From idea to implementation ● Proposal preparation ● Structure of the proposal ● How to submit a project proposal ● Tips for successful proposal ● After approval

4th Day: Friday 14th of November 2025

Time	Speaker	Title	Syllabus
9:00 -10:45	Prof. Dionysis Xenakis (NKUA)	Guidelines for writing a successful MSCA Doctoral Network (DN) and Staff Exchange (SE) proposals	<ul style="list-style-type: none"> ● Discussion on the key sections of MSCA-DN MSCA-SE proposals ● Tips and pitfalls in proposal preparation
10:45 - 11:15	Coffee Break		
11:15 - 12:00	Prof. Mixalis Mathaiou (online) (QUB)	ERC funding opportunities	<ul style="list-style-type: none"> ● Cracking the ERC Code: Winning Support for Groundbreaking Research.
12:15-13:00	Dr. Prodromos-Vasileios Mekikis (online) (Hilti)	MSCA IF funding opportunities	<ul style="list-style-type: none"> ● General Info ● Evaluation criteria ● Open discussion
13:00 - 14:00	Lunch Break		
14:00 - 15:45	Dr. Dimitrios Apostolakis	Project management-2: planning, reporting, quality assurance, risk analysis-contingency plans, deliverables/milestones/deadlines.	<ul style="list-style-type: none"> ● PM fundamentals: purpose, lifecycle, key constraints and roles ● Methodologies overview: Waterfall vs Agile (when to apply each) ● Practical tasks: ● Quiz: Select the best next step under Scrum or Waterfall ● Build a Kanban board in Trello/MS Project
15:45 - 16:15	Coffee Break		

16:15 – 18:00	Dr. Dimitrios Apostolakis	Project management-2: planning, reporting, quality assurance, risk analysis-contingency plans, deliverables/milestones/deadlines.	<ul style="list-style-type: none">• Develop a Work Breakdown Structure (WBS) with deliverables and acceptance criteria• Build schedules with dependencies and critical paths• Estimate effort and cost using top-down, bottom-up, and three-point methods• Define cost baselines, track variances, and manage risks/change• Practical tasks:• Draft a mini project plan with WBS and critical path• Create a simple budget tracker (baseline vs actuals)• Team presentations on trade-offs and risks
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X-TREND: industry X.o Twins, REality and Network eDge technologies research group

National and Kapodistrian University of Athens (NKUA)

Dr. Dionysis Xenakis Assistant Professor, NKUA
Faculty Member at the Department of Digital Industry Technologies
X-TREND Research Group Lead



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ACTIVITIES INVOLVED



Head/Contact point of the CISCO Networking Academy @ NKUA

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Coordinator of a 6-member industry/academia committee implementing the **MoU between NKUA and the Association of Industries of Central Greece**

ΑΔΑ: 6Δ6846ΨΖ2Ν-ΜΕΩ



**Committee member of the
Innovation and Business
Accelerator program @
ARCHIMEDES, NKUA**

ΑΔΑ: Ψ9Π046ΨΖ2Ν-ΥΔΣ

X-TREND R&I FOCUS ARFAS

- ❑ 5G/6G and edge computing empowered services
- ❑ Digital Twins & AR/VR apps
- ❑ Blockchain-backed service design
- ❑ 3D mapping & reconstruction
- ❑ Traceability 4.0 | Digital Threads | Explainable AI
- ❑ Cybersecurity
- ❑ Algorithmic design and performance analysis
- ❑ Industry – Academia Collaboration

WEBSITE

X-TREND POSTER

PRESS RELEASES

Technically Coordinated by Prof. Dionysis Xenakis, X-TREND Research Group @ NCKUA

Complementary Courses of ELIXIRION, SOVEREIGN, EXARCH, AeroNet EU-funded actions

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