

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.O 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

ELIXIRION

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

SOVEREIGN

[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)

EXARCH

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

AeroNet

[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

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

Technically Coordinated by [Prof. Dionysis Xenakis](#), X-TREND Research Group @ NKUA

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

11th – 14th November 2025

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/d 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/d
eadlines.

- 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



X-TREND: industry X.o Twins, REality and Network eDge technologies research group

National and Kapodistrian University of Athens (NKUA)

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X-TREND Research Group Lead

Prof. Dionysis Xenakis (NKUA) | X-TREND: industry X.o Twins, REality and Network eDge technologies research group | September 17, 2025
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ACTIVITIES INVOLVED



Head/Contact point of the CISCO
Networking Academy @ NKUA

ΑΔΑ: 6ΔΕΦ46ΨΖ2Ν-110



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 AREAS

- ☐ 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

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