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NextGenerationEU

Recovery and Resilience Plan

Republic of Bulgaria

TRAINING CENTRE

BULGARIAN ACADEMY OF SCIENCES

I N V I T A T I O N

The Training Centre of the Bulgarian Academy of Sciences invites leading scientists and innovators from Bulgaria and abroad to give lectures for PhD students and young scientists with thematic emphasis on the dual transition towards green and digital economy. The activity is within the frame of the project "Enhancing the expert capacity of the Training Centre at the Bulgarian Academy of Sciences" (code BG-RRP-2.021), financed under investment C2I2 of the National Recovery and Resilience Plan of the Republic of Bulgaria.

Conditions

- Delivering lectures in person or remotely, in either Bulgarian or English language.
- Reimbursement of travel expenses, daily expenses and accommodation for the lecturers in Bulgaria.
- Option for conducting either one or a series of up to 4 lectures on a common topic. Length of one lecture – 45 min.
- Period of delivery: up to 30.06.2026.

Application documents

- CV of the lecturer, including publications, patents, projects, experience in teaching and scientific supervision of doctoral and/or postdoctoral students, lecture courses, trainings and seminars delivered, experience in technology transfer, relevant business experience, etc. for the period 2015 - 2025.
- Topic and duration of the lecture (one or series)
- Suggested period of delivering the lectures

Scientists and innovators may submit the documents listed above personally or via nomination by research units at BAS until 15.02.2026 at the following email address: m.vassileva@cu.bas.bg

Thematic focus and aim of the lecture(s): to present contemporary trends in the development of green and digital technologies, their potential for implementation and expected impact on the dual transition of the country and Europe.

Thematic area: Green technologies and resource efficiency

№	Thematic sub-area
1.	Technologies for production of green (and yellow) hydrogen and its processing, storage, transportation and application.
2.	Innovative solutions for reduction of carbon dioxide and other greenhouse gas emissions from energy and industry for a sustainable climate (climate neutrality).
3.	Development of innovative materials with ecological focus and high applicability for a better quality of life.

4.	Sustainable mining and processing of ores, non-ores and aggregates.
5.	New technologies for sustainable production, processing and management of biomass (including through chemical, biochemical, electrochemical, biological, plasma, thermochemical, etc. processes).
6.	Innovative methods and technologies for processing natural, domestic and industrial waste and utilization of the resulting raw materials.

Thematic direction: Digitalization and digital technologies

№	**Thematic direction**
1.	Information and communication technologies in the industry.
2.	Internet technologies and services. Internet of things (IoT).
3.	Big data/Linked data and geospatial data.
4.	Information and communication technologies in medicine, healthcare and sports (telemedicine, telecare, monitoring, personalized medicine and intelligent assistance, systems for augmented reality).