



Science with and for Society - SwafS – Partner search

- ☒ I offer **my expertise to participate as a Partner in a project**
- ☐ I offer **my expertise as a Coordinator in a project**
→ **Please** complete all sections of the Form:

Call:

Science with and for Society

Making Science Education and Careers attractive for young people

Promoting Gender Equality in Research and Innovation

Offer valid until:

1 Project Information

Activity of the SwafS work Programme concerned: :

Making Science Education and Careers attractive for young people and Promoting Gender Equality in Research and Innovation

Field of expertise related to the topic:

Adaptive Testing & Assessment, Learning Analytics and Educational Data Mining for intelligent feedback, Mobile-based Assessment Modeling, Networking Technologies, Techno-economics & Competition in Telecommunication Networks.

Potential Contribution to the project:

Our main contribution can be in the field of Technology-Enhanced Learning and Assessment.

CONTA laboratory conducts fundamental research in the broad field of adaptive & personalized feedback, affective & emotional testing/assessment as well as acceptance of computer-based assessment.

The laboratory also focuses on the exploitation of learning analytics capabilities for data-driven decision making in education, targeting towards the automated generation and delivery of

personalized recommendation and feedback services.

Our team investigates the acceptance of ubiquitous and mobile testing / assessment methods as well as the students' motivation in learning in authentic, real-life contexts.

Also CoNTA laboratory has strong expertise on development of high-performance networking technologies including architectures, protocols and optimization models for wireless (and wired) telecommunication networks and networking security solutions that combine and enrich emerging game-theoretic models with visual analytic technologies aimed at safeguarding the network operation.

Our laboratory members have a strong motivation in investigating technologies and pedagogies that could be implemented to support STEM education, enhancing student interest towards STEM education and careers and promote gender equality both in the classroom and STEM career orientation as well.

CoNTA laboratory can contribute in the development and the evaluation of educational resources. Also pilot implementation-testing among educational communities (e.g. schools) can be undertaken.

Role in the project

☒ Research
 ☒ Dissemination
 ☐ Other
☐ Training
 ☒ Technology development

Project idea:

To join a European-wide consortium of experts to exchange knowledge and best practices in order to develop a project towards supporting STEM education.

Project description:

The prospective project can be about the development of resources (teaching practices, lesson plans, on-line tools), methodologies, student or teacher professional development courses that aim to spark student's interest towards STEM courses and careers and promoting gender equality in STEM classrooms.

The lab can also contribute in the evaluation of technology-enhanced teaching and learning strategies measuring student achievement, engagement and other acceptance, affective and cognitive factors in STEM education.

Already experience as a coordinator ☐ yes ☒ no
 or partner ☐ yes ☒ no
 If yes, in which projects?

Other partners in the consortium already identified (with their countries):

2 Target Coordinator/Partner Sought

Organisation details:

<input type="checkbox"/> higher education / university	<input type="checkbox"/> industry/SME
<input type="checkbox"/> research institution	<input type="checkbox"/> consultancies
<input type="checkbox"/> public partner	<input type="checkbox"/> private partner
<input type="checkbox"/> NGOs / voluntary organisations	<input type="checkbox"/> other (specify)
<input type="checkbox"/> education	<input checked="" type="checkbox"/> No preferences

Expertise / competency :

We are searching for experienced coordinators/partners with an already defined proposal in order to join and collaborate.

3 Contact Details

Contact person	Stavros A. Nikou		
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Short Profile of Organisation:

The CONTA laboratory is a Research & Development laboratory under the regulation of the University of Macedonia, Thessaloniki, Greece.

The CONTA laboratory focuses its research activities on three important areas of Information and Communications Technology (ICT), namely on E-Learning, Networking Technologies, and Techno-Economics & Competition in Telecommunication Networks.

Furthermore, the CONTA laboratory has extensive experience in collaborative European-level and national research projects. The laboratory has also been involved in other EU funded initiatives, notably the SEERA-EI (South-East European e-Infrastructure), as well as the COST (European Cooperation in Science and Technology). Link with Scientix contacts are retained (CoNTA member is the Scientix Ambassador for Greece).

Date: 17/7/2015

I agree with the publication of my contact data on the NCP Network website and on other national websites

yes ☒ no ☐

Please fill in the partner search form and return it to the national contact point for Science with and for Society.