



# Inspiring Science Education

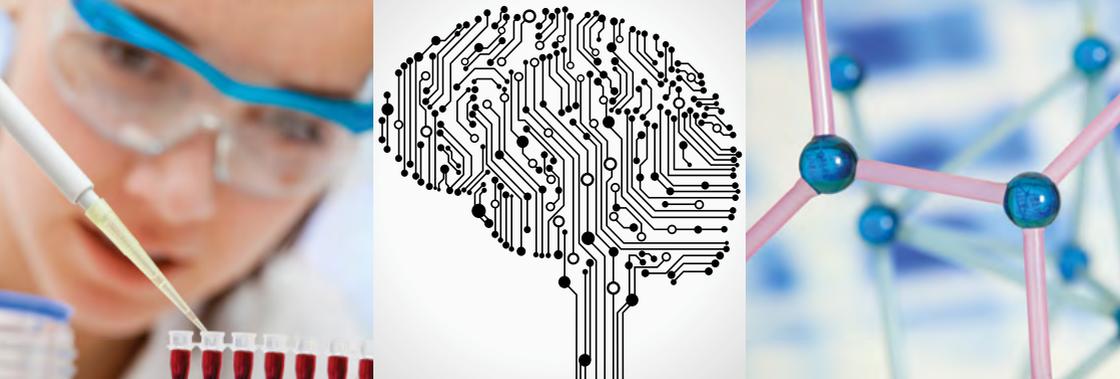
Providing access to inspirational digital  
resources and learning opportunities

training

inspiring **SCIENCE**

education

[www.inspiringscience.eu](http://www.inspiringscience.eu)



**Our mission** in the Inspiring Science Education team is to provide digital resources and opportunities for teachers to help them make science education more attractive and relevant to students' lives. Through the Inspiring Science Education website and the activities organised by the partners, teachers can help students make their own scientific discoveries, witness and understand natural and scientific phenomena and access the latest, interactive tools and digital resources from within their classrooms.

**Inspirational science teachers** are at the heart of successful science teaching – ask any scientific Nobel prize-winner who had the greatest influence on their decision to become a scientist and invariably the answer will be – my Science Teacher! So what is it that makes a science teacher truly inspirational? That's one of the conundrums we aim to unravel in the Inspiring Science Education project. That's why we will be setting up workshops and exchanges, communities of practice and learning opportunities for science teachers and teacher trainers aimed at helping them find ways to make their teaching of science more inspirational.

**Large-scale take-up** amongst European Science teachers is the project team's aim. Pilot activities will take place in 5000 primary and secondary schools in 15 European countries. During these pilots, teachers

will be accessing interactive simulations, educational games and eScience applications and integrating them with extra-curricular activities, such as field trips to science centres and discovery parks, and virtual visits to research centres. Teachers will also have the possibility to access remote and online labs, and relevant scenarios for their use in the school classroom. Students will be inspired to use eTools and digital resources to learn Science, Technology, Engineering and Maths (STEM related subjects) in a practical, competitive and exciting way.

### **Key outcomes of the Inspiring Science Education project**

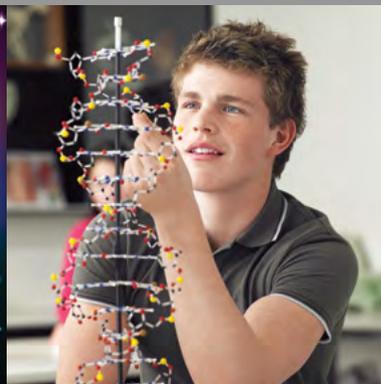
- access to online, interactive tools and digital resources from all over the world that can be used for science teaching
- templates, scenarios and methodologies to support science teachers and teacher trainers in their drive to make their teaching more exciting, fun and relevant for students
- a platform that can be used by students and teachers alike to take science teaching beyond the classroom and into the realms of extra-curricular learning
- a variety of eTools and digital resources that provide opportunities for students to collaborate with each other (in or out of the classroom) or with others outside of the class
- ways in which students themselves can be involved in scientific research activities
- a strong support network for teachers

## Partnership

Inspiring Science Education is a pan-European project bringing together partners in 15 countries, including many experts in the field of Science Education.

### Here is who we are:

- ATiT, Belgium
- Bulgarian Research and Education Network, Bulgaria
- Cardiff University, United Kingdom
- Consiglio Nazionale Delle Ricerche, Italy
- Croatian Academic and Research Network – CARNet, Croatia
- Dublin City University, Ireland
- Ellinogermaniki Agogi Scholi Panagea Savva, Greece
- European Physical Society
- Fraunhofer Institute for Applied Information Technology FIT, Germany
- Helsingin Yliopisto UHelsinki, Finland
- Humboldt-Universität Zu Berlin, Germany
- Institute of Accelerating Systems and Applications, Greece
- Institute of Educational Policy, Greece
- International University of La Rioja, Spain
- Intrasoft International, Luxembourg
- Learnit3d, United Kingdom
- NUCLIO – Núcleo Interativo de Astronomia, Portugal
- Open Universiteit Nederland, Netherlands
- Open University Guglielmo Marconi, Italy
- SETApps, Greece
- Siveco, Romania
- The Serious Games Institute - Coventry University, United Kingdom
- Tiedekeskussäätiö Heureka, Finland
- Universiteit Utrecht, Netherlands
- University of Bayreuth, Germany
- University of Piraeus Research Center, Greece
- Velti, Greece
- Vernier Technology (Europe), Ireland





Inspiring Science Education is all about providing the tools to make science education more challenging, more playful and above all more imaginative and inspiring for today's students, the citizens of tomorrow's world. Work with us to help them build a better world for everyone.

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### **Care to join us or to find out more?**

Then take a look at our website: [www.inspiringscience.eu](http://www.inspiringscience.eu) or contact us directly via [information@inspiringscience.eu](mailto:information@inspiringscience.eu)