



Scientix, the Community for Science Education in Europe

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Introduction

Scientix is an initiative for promoting scientific education and vocation in Europe. The Scientix Ambassadors promote and inform about Scientix to their peers - science and mathematics teachers across Europe. They present Scientix in schools and national teachers associations, on conferences and workshops, and can advise teachers how to get involved in European collaboration in STEM. They also assist in developing and testing various tools and services of Scientix and ensure the pedagogical quality of the Scientix repository. In this work the experience and results of the tasks performed as Scientix Ambassador in Galicia-Spain are presented.

Structure, resources and activities



Coordinated by European Schoolnet, a non-profit organization and network of thirty-four European education ministries, Scientix receives funding from the European Union's H2020 research and innovation programme and has contact points in every EU country.

Scientix assigns a series of representatives or ambassadors in each country whose aim is to spread the word about its activities among the teaching community throughout Europe, share knowledge and best practice in science education, and support and improve scientific education in general at a local level.

Scientix currently provides free direct access to over six hundred European educational projects and almost two thousand teaching resources for the classroom, many translated into the 30 official languages of the EU or available for translation by Scientix on the specific request of teachers when the need arises. Around seven hundred resources have already been translated in this way.

Scientix periodically offers online training, inviting users to freely access video conferencing programs in twenty-four languages and various formats: Massive Online Open Courses, seminars, workshops, etc.: spaces for learning that are also times and places for sharing and exchanging ideas.

An important way of keeping up with Scientix initiatives is by following a project on social media, where the organisation has over eight thousand followers on Twitter / Facebook, or by reading its blog posts, which are open to collaboration from anyone interested in STEM education...

- <http://www.scientix.eu/>
- https://twitter.com/scientix_eu
- <https://www.facebook.com/groups/ScienceTeachersEurope/>
- <http://www.scientix.eu/conference>
- <http://blog.scientix.eu/>:
Where do I find hands-on Physics resources? @ Scientix blog >>



Face-to-face seminars in 2019-2020



The strategies used to spread and share knowledge include face-to-face seminars with students, teachers and the management and departmental teams in centres. During the 2019-2020 academic year, there have been 20 talks that have taken "Learning Physics by Doing Physics" and the Scientix project to around 1450 students and 125 teachers in Galicia-Spain. Seven talks were cancelled when the COVID19 lockdown was introduced in Spain on March 15, 2020.

<http://www.clickonphysics.es/cms/en/charlas-2>

Disclaimer

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www.hsci.info/hsci2020/