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Science
Café
For Adults



HOW TO RUN SCIENCE CAFES



Co-funded by the
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Introduction

Science cafes, which first started on philosophy in France in the 1960s, continued in the UK in the 1990s to include other branches of science. With the activities carried out in this context, scientists started to share the science they made in cafes with the society by leaving their offices and laboratories.

It can be organized in various venues open to public use, such as Science Cafes, coffee houses. Science Cafes aim to teach scientists in conversation about scientific topics that are complex for many people

There are no strict rules for organizing Science Cafes. The important thing is 'to encourage people to talk to and learn from each other'

For more information, you can visit:

<https://www.sciencecafes.org/>





“The good thing about science is that it's true whether or not you believe in it.”

Neill de Grasse Tyson

What's a Science Cafe?

For many people today, science is like an incomprehensible and very complex subject. However, just as scientific issues affect our daily lives, science is also the only way for human beings to cope with their great difficulties.

It is very difficult for those who are not directly involved in science to encounter science in an academic atmosphere such as a university or a conference

For this reason, it is much more effective for a scientist to explain science during a conversation to people who are not directly involved in science in a public place.

WHAT counts as a good topic?

Any subject that attracts the attention of the participants can be the subject of science cafes. The topic should raise broader community awareness about science, and the link to peoples' lives and societal developments.

There is no clear distinction between science and non- science but the epistemology of the knowledge can be scientific or nonscientific. Topics that are discussed controversially in the media may have aroused the interests of a larger group of people already.

These topics can be important on a local, regional or national level and therefore may have a greater potential to create an emotional appeal to a larger audience.



“Science is a way of life. Science is a perspective. Science is the process that takes us from confusion to understanding in a manner that’s precise, predictive and reliable - a transformation, for those lucky enough to experience it, that is empowering and emotional.”

Brian Greene

WHO should take part?

Invite appropriate experts: Ensure that your invited speakers are experts in the chosen topic and able to respond appropriately to questions from the public. They should be experts who communicate easily with people, have an open mind and love to talk to people.

Invite an appropriate number of participants. Between 20 and 40 participants is a good number for your science café audience. However, in case of force majeure such as a pandemic, the maximum number of participants should be between 15-20.

In smaller groups, different perspectives may not be included or very few questions may be asked and the conversation does not progress. It can be difficult to answer questions from larger groups, so maximum 20-40 adult participants are ideal.

TOPICS OF SCIENCE CAFE EVENTS

SCIENCECAFEEVENTS TOPICS

Organization	1st Phase	2nd Phase	3rd Phase
Odunpazarı İlçe Milli Eğitim Müdürlüğü & SEADDER	What is Cancer? Breast Cancer Prostate Cancer Lung Cancer Colorectal Cancer	Digital Literacy and Digital Footprint	Climate Change Biodiversity
EDRASE	Covid 19 Vaccines	Development of Digital Skills of Citizens	Biodiversity, pollution etc.
CNIPAPUGLIA	Heart and dental health	Photography and Digital Community	Mediterranean Diet
MISEHERO S.R.O.	Lymphatic System	How to Spot Risky e-Shops	Hydroponics
Vsl Socialiniu Inovaciju Cenrtas	Successful aging and mental well-being	Familiarity with Variety of New Technologies	Adopting to Changing Circumstances



A photograph of a man in a green shirt and blue jeans standing and speaking into a microphone to a group of people seated at tables in a dining room. The room has blue walls, a large window, and several tables with white tablecloths. A green text box is overlaid on the right side of the image.

“Equipped with his five senses, man explores the universe around him and calls the adventure Science.”

Edwin Powell Hubble

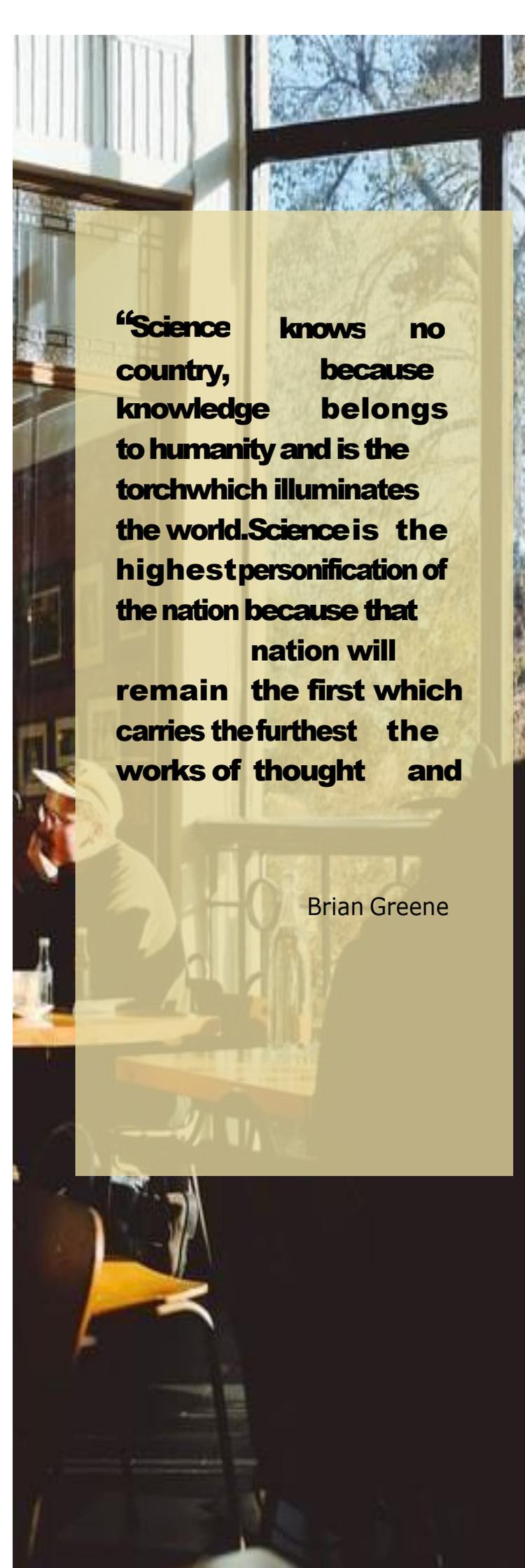
WHERE should it take place?

Choose a place your target audience will enjoy. It can be a place where people can talk freely and enjoy talking. Experience has shown that coffee shops, bookstores, bars, botanic gardens, museums, zoos, community centres or even outdoor public venues and natural spaces provide perfect conditions to run science cafes.

How much TIME must be scheduled?

The duration of science cafes, where experts and scientists will share their knowledge, may vary according to subject and participants. However, the duration of the science cafe should not be more than 1.5 hours, with the scientists listening to the speeches of the participants and answering their questions.





“Science knows no country, because knowledge belongs to humanity and is the torch which illuminates the world. Science is the highest personification of the nation because that nation will remain the first which carries the furthest the works of thought and

Brian Greene

HOW to run your event?

First, determine where and when your science café event will take place and decide who to invite. Then, promote your science café event :Use traditional (radio, newspapers, TV, etc.) and social media accounts of the project (EPALE, Twitter, Facebook, etc.) to promote your event. Start promoting your event early and maximize your activities in the final week before the science café takes place.

Before starting the expert talk, do activities that will help participants relax, such as icebreakers. In addition to your expert, you will need someone to host the event - introducing speakers, informing the audience about timings, health and safety issues, etc. Additionally, you will need someone to facilitate the discussion. This may be the same person or two different people. For facilitation, choose a person who can adapt well to the participants as one can never predict exactly what will happen. The facilitator must pay attention to group dynamics and has to intervene if particular people start to dominate the conversation.

REC

00:00:00:00

Record your Science Cafe event with the permission of the participants and in accordance with national and European privacy policies. After your event is complete, get the contact information of your participants so that you can invite them to different organizations. Add English subtitles under your video recordings and share the project on Google drive account, project website, social media and Youtube.

TIME

Social Media Accounts :

<https://www.facebook.com/sciencecafeforadults/>

<https://www.instagram.com/sciencecafeforadults/>

<https://twitter.com/sciencecafefor2>

https://www.youtube.com/channel/UCWMy_2XWzg1yquXjgxQ0Muw

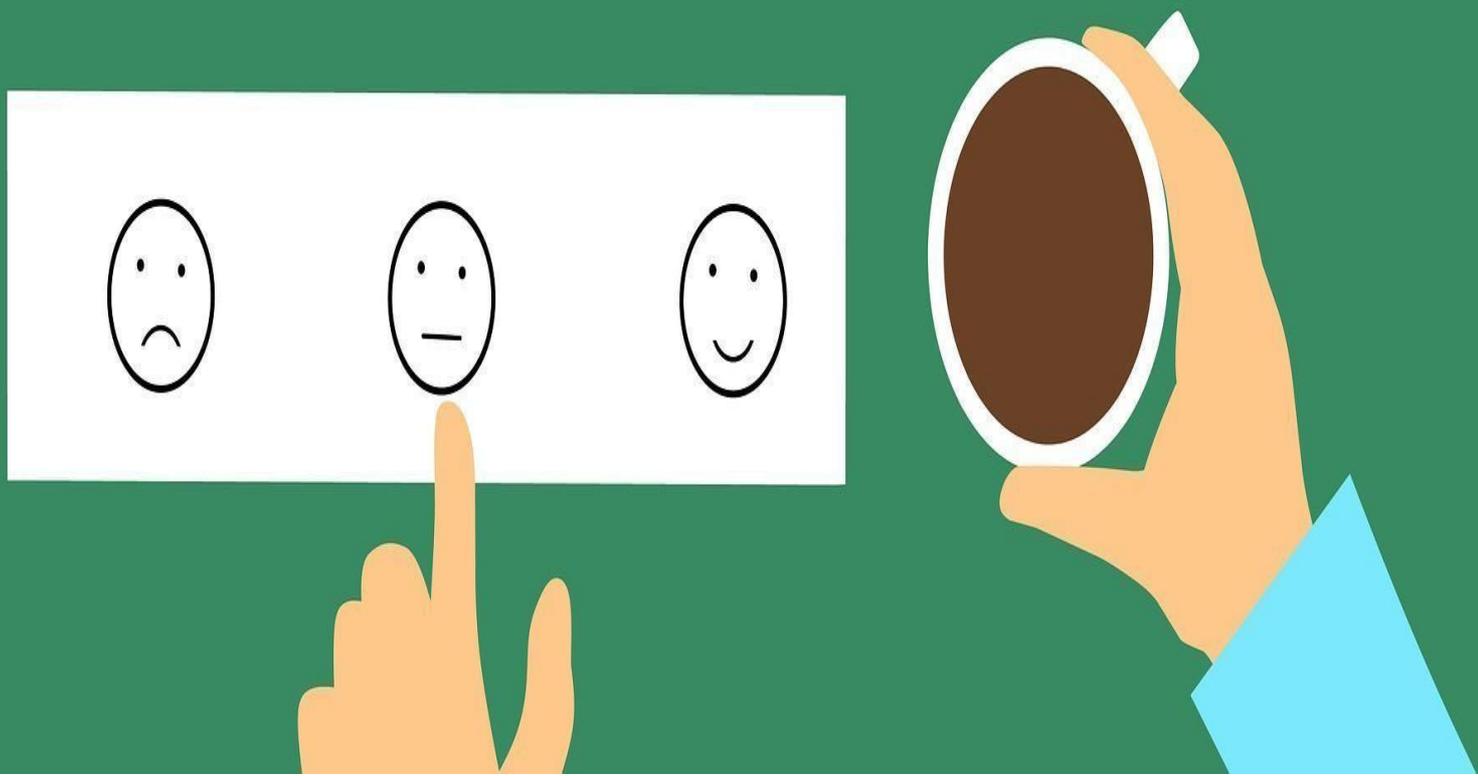


Evaluate the event

It is important to evaluate your science cafe.

Do not forget to get a signature leaflet from the participants at your Science Cafe events!

Evaluate each science café, so you can learn what worked and what did not and apply lessons learned to your next event.





DOs

- ✔ Make sure you have enough time (talks, activities, and discussion).
- ✔ Include interesting topics. Prioritise quality over quantity. Include interactive methods/practical activities
- ✔ Use other media to stimulate discussion. Offer food and drinks Record the discussion to help with your evaluation.
- ✔ Ask questions about participants' previous knowledge on the topic. Embrace modern technology (e.g. beamer and sound) .Test the acoustics in your room.
- ✔ Be flexible. Ensure you are handling any data collected ethically.



DON'Ts

- ✘ Make presentations too long.
- ✘ Stick to just one way of collecting answers/data.
- ✘ Just consider professional scientists.
- ✘ Have seat rows - it makes the atmosphere too formal.
- ✘ Forget to advertise your event.





PARTNERS

1. Odunpazarı İlçe Milli Eğitim Müdürlüğü – Turkey



2. Cnipa Puglia – Italy



3. Etairia Draseon Epimorfosis – Greece



4. VSI Socialiniu Inovaciju Centras – Lithuania



5. Sürekli Eğitim, Araştırma ve Danışma Derneği – Turkey



6. Mise Hero S.R.O.– Czechia



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