

Coding in Science Teaching

Application to participate in Coding in Science Teaching (2017-2019)

Remark: 10 teacher teams from different countries can participate. Each teacher team consists of a science teacher and a computer science/informatics teacher or other computer science/informatics professional. If possible from the same school or schools located close to each other. Please note that in case you will be selected, the participation in two meetings (two days each) in October 20-22 2017 and in spring 2018 is mandatory. 'Coding in Science Teaching' is organised by Science on Stage Germany and proudly supported by SAP.

Please send this document back by 31 May 2017 to info@science-on-stage.de. Thank you!

Please hand in only one application per team.

Teacher 1 (science teacher)

Name, first name:

E-Mail:

School:

Country:

Phone number:

Subjects you teach:

Please rate your skills in following programming languages

(0=none, 1=basic, 2=good, 3=very good, 4=excellent)

Java:

C++:

Scratch:

Python:

Other programming languages (Please name the language and rate your skill level):

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Have you already worked or still work with any of the following microcontrollers? Please indicate how often (0=never, 1= sometimes, 2= very often, 3=always)

Arduino:

Raspberry Pi:

Calliope mini:

BBC micro:bit:

Other microcontrollers (Please name the microcontrollers and indicate how often):

Teacher 2 (computer science/informatics teacher)

Name, first name:

E-Mail:

School:

Country:

Phone number:

Subjects you teach:

Please rate your skills in following programming languages (0=none, 1=basic, 2=good, 3=very good, 4=excellent)

Java:

C++:

Scratch:

Python:

Other programming languages (Please name the language and rate your skill level):

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Have you already worked or still work with any of the following microcontrollers? Please indicate how often (0=never, 1= sometimes, 2= very often, 3=always)

Arduino:

Raspberry Pi:

Calliope mini:

BBC micro:bit:

Other microcontrollers (Please name the microcontrollers and indicate how often):

For the whole team

Have you already tested some ideas on how to implement coding in science teaching? Please describe what you have done (max. 5 000 characters)

If your team is selected for 'Coding in Science Teaching', what would you do? Please describe your ideas (max. 1 000 characters)

Which subjects are involved? Please list the subjects and some key words describing your topic:

The distribution of the results of the project is very important so teachers all across Europe can profit from them. Are you willing to present your results, e. g. by conducting teacher trainings during the Europe code week or in events at your school?

Motivation to participate (maximum 1 000 characters):

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Remark about further team members

Of course more than two teachers from your school can participate in the project. Please understand that due to budget reasons only teacher 1 and teacher 2 can take part in the work meetings. It is mandatory that both teachers take part in both meetings (one in autumn 2017, one in spring 2018).

Thank you very much for your application!