



Hosted by the
Rathenau Instituut
and RIVM



IGEM MEETUP FOR TEAMS AND SUPERVISORS

**DURING THE BORDER SESSIONS
FESTIVAL**

June 13 & 14, 2019
The Hague



ACTIVITIES:

Day 1 – June 13

Onze Ambassade
Lange Voorhout 102
2514EJ The Hague

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| 09:00-09:30 | Registration and reception |
| 09:30-09:45 | Opening by Rathenau Instituut and RIVM |
| 09:45-10:30 | Keynote presentation Megan Palmer – Vice President of iGEM Human Practices |
| 10:30-11:15 | Panel conversation with iGEM supervisors |
| 11:15-11:45 | Coffee Break |
| 11:45-12:15 | Presentation – From project to company: lessons learned from iGEM start-ups |
| 12:15-13:00 | Panel conversation with former iGEM team members |
| 13:00-14:00 | Lunch |
| 14:00-15:15 | Workshop round 1 |
| 15:15-15:45 | Coffee Break |
| 15:45-17:00 | Workshop round 2 |
| 17:00-18:30 | Drinks |
| 22:00-23:00 | Panel (see ‘Panel’ page) |

Day 2 – June 14 ‘Unconference day’

Anna van Saksenlaan 51
2593 HW The Hague

Among other things, Q&As with different iGEM experts. Location is available to you from 9.00 -13.00

During workshops (14:00 tot 17:00) you can view all team posters, and ask your questions in a Q&A.

WORKSHOPS

Workshops round 1

Session 1 (for students):

Get the full iGEM experience in just 1 hour (Serious Safe-by-Design game)

Hosted by RIVM

What does it take to make a marketable product? What aspects 'beyond the lab' are relevant? In this workshop you will play the Safe-by-Design Serious Game, which challenges you to develop a market-ready product that is safe by its design. You will experience what kind of issues you will face and need to address in order to establish a marketable product, thereby deepening and broadening the understanding of your innovation's context. After this game you are one step closer to designing a marketable iGEM product!

Session 2 (for students):

Make your project Matter

Hosted by Rathenau Instituut

Most iGEM projects address issues that require technical as well as social innovations. As a synthetic biologist you have probably been trained extensively dealing with technical challenges, but do you have the tools to analyse and understand societal dimensions too? The iGEMmers Guide to the Future provides you with all you need to get started in this respect. ² In this session we'll go through one iteration of analysis, interactions and future scenarios. Together you will work on understanding what's at stake, how to have meaningful conversations and capturing the insights you will gain.

Session 3 (for supervisors and students):

Methodologies for integrating iGEM HP experience in education programmes

Hosted by Rathenau Instituut

iGEM teams only consist of a few students, and supervising teams can be time consuming and intensive. Wouldn't it be great if you could share the benefits with all students in your class? In this workshop we will exchange experiences on how Human Practice elements from the iGEM experience can be brought to scale in individual classes or even entire educational programmes. Bring your best practices and beautiful failures to this session. Together we will prototype the ultimate HP inspired educational programme.

WORKSHOPS

Workshops round 2

Session 4 (for students):

T-TRIPP Serious game Safe by Design

Hosted by Rathenau Instituut

Make your idea successful by understanding the different perspectives of the actors involved. Who will you encounter? What is their perspective on your idea? What are possible risks and challenges of your idea, what is the societal benefit and how can this knowledge help you to further improve your idea? In this workshop you will play an analogue card game to get a better understanding of the challenges involved into getting your research project approved. A perfect way for you to test the journey your idea needs to take!

Session 5 (for students):

Everything you always wanted to know but never dared to ask regarding designing for safety

Hosted by RIVM

In this open session you have the opportunity to get feedback on your project ideas and/or to ask questions.

Session 6 (for supervisors and students):

Safe-by-Design in education: Why, What, How & Future?

Hosted by Ministerie van Infrastructuur en Waterstaat, TUDelft, WUR, RIVM

Safe-by-Design seeks to include safety as a design requirement at the earliest stages of product and process development to prevent possible risks for human health and the environment. With this Safe-by-Design aims to include lab safety elements and beyond. 3 In this workshop the following four questions regarding Safe-by-Design in biotechnology education have a central place: 1. Why incorporate Safe-by-Design in education? 2. What educational tools are needed and which are already available? 3. How is safety currently addressed in courses? 4. How does a desirable future of Safe-by-Design in biotech education looks like?

Session 7 (for (iGEM) students):

After iGEM policy workshop

Hosted by Will Wright & Niek Savelkoul

An interactive workshop session on promoting and developing Synthetic Biology policies using integrated stakeholder engagement as well as a presentation of opportunities to work on Synthetic Biology policy with the After iGEM representative programme.

PANEL

Next to our programme during the day, we would like to point out that in the evening the Border Sessions Festival organizes an interesting panel about synthetic biology that you can attend with your Border Sessions festival ticket.

*Location: Korzo Theatre
Prinsestraat 42,
2513 CE, The Hague*

Designing the Living

Technology is increasing our ability to design cells, organs, organisms and even ecosystems. Pressing issues such as infectious diseases or the food crisis call for urgent action, but many design choices could impact life on earth for many future generations.

In this session we will discuss how bio-designers can move forward responsibly and safely. It will include a reflection on the outcomes of the international Genetically Engineered Machines competition BorderSessions Lab.

The panel members are:

- Megan Palmer, Vice-president of Human Practices for iGEM
- Virgil Rerimassie, Postdoc at Athena Institute
- Cécile van der Vlugt, risk assessor GMOs at the National Institute for Public Health and Environment

Moderator: Pieter van Boheemen