



MAKE A
CONNECTION!

iGEM EURASIAN MEETUP 2018

A SYNTHETIC BIOLOGY CONFERENCE

24.07.18 - 26.07.18
Shenzhen, China

Workshops - Presentations - Collaborations



Meetup Organisers



Welcome to the very first iGEM EurAsian Meetup! We are aware of the importance of sharing our knowledge and strengthening the iGEM community. Therefore, we have tailor-made this special iGEM meetup to focus on sharing our knowledge and creating a better understanding between our two continents. For the next three days we will all be presented with plenty of opportunities to start a collaboration, improve our project and gain personal knowledge or skill. We have speakers from various fields to train us through presentations and workshops. We will also hold a project and poster presentation to prepare you for the Giant Jamboree! So, enjoy yourself in the meetup and get the most out of it!



Hey iGEM teams! We are the 2018 TU Delft iGEM team from the Netherlands. We are 12 highly motivated students coming from 6 different countries with background in Nanobiology and Life Science and Technology. We are working hard together on our project ADOPE (Advanced Detection Of Performance Enhancement) since April with the goal of developing a reliable gene doping detection method to promote fair play in sport! We are so happy to welcome you to this meetup and wish you a fun and productive time!



Hi friends! We are BGIC-Global, a group of inspired high school students from diverse educational backgrounds around the world. We love to strive for improvements in people's lifestyles through our works and ideas in biology, and we certainly also love to learn from you guys who are way more knowledgeable than we are! Our project, the Formaldehyde Hunter, if successful, will help people breathe formaldehyde-free air and move into their beloved new homes faster than ever. We are very excited to welcome you to this Eurasian meetup and hope you guys will learn from each other as much as we will definitely learn from you!



Event Schedule 24th of July

09:30 – 10:00	Registration and reception Attendance of each team will be recorded
10:00 – 10:15	Welcome by the organizers Welcoming words by TU Delft and BGI College representative, followed by opening statements by Dr. Doris Yang, vice dean of BGI College.
10:15 – 11:00	Presentation 1: Genome-write, eukaryotes and beyond Presentation by Dr. Yue (Chantal) Shen, Chief of Synthesis & Gene Editing Platform and Dr. Ying Gu, Senior R&D Director of Synthesis & Gene Editing Platform, China National Gene Bank.
11:00 – 11:15	Coffee / tea break
11:15 – 12:15	Interactive presentation and quiz Welcome to Shenzhen by TU Delft and BGI College Students. Work together with your buddy to become the best team in the quiz.
12:15 – 13:45	Lunch with your buddy Each team will be coupled to another team before the meeting. Use this lunch to get to know your buddy team better.
13:45 – 14:15	Presentation 2: After iGEM project Presentation by Ms. Hong Chen, iGEM Asian Ambassador.
14:15 – 15:30	iGEM project introduction session I Attendees will be divided into 2 groups of each 12 teams. The first 6 teams from each group will present their project for maximum 10 minutes. This will be followed by direct feedback from teams and supervisors.
15:30 – 16:00	Coffee / tea break
16:00 - 17:15	iGEM project introduction I: Continue
16:45 – end	Plenary closing and group walk Tour to the seaside



Event Schedule 25th of July

09:30 – 10:00	Opening and summary of the first day Impressions from other teams joining through live broadcast done by TU Delft or BGI college representative.
10:00 – 10:45	Presentation 3: How to iGEM Tips and tricks from Dr. Franklin Nobrega (iGEM ex-judge) and Ms. Dorothy Zhang (iGEM ex-judge and human practices committee member) on best way to present, what are the important aspects of the project to be considered, etc.
10:45 – 11:00	Coffee / tea break
11:00 – 12:00	Workshop 1: How to iGEM Case studies regarding iGEM will be given by iGEM professionals. Teams will be given time to solve the case study.
12:00 – 13:30	Lunch break
13:30 – 15:30	iGEM project introduction session 2 Project presentation by teams that have not presented on the first day. Presentation will last for maximum 10 minutes followed by direct feedback from other teams and supervisors.
15:30 – 16:00	Coffee / tea break
16:00 – 17:30	Poster exhibition Each team will have to bring a poster regarding their idea or results which will be hung around the room. Other members and supervisors will walk around the room to see other posters and give feedback.
17:30 – 18:00	Reflection time Each team will be given time to incorporate feedback to their project that will be presented in a 1-minute pitch on day 3.
18:00 – end	Plenary closing



Collaboration level up



Knowledge level up



Skill level up



Event Schedule

26th of July

09:30 – 10:00	Opening and summary of the second day <i>Impressions from other teams joining through live broadcast done by TU Delft or BGI college representative.</i>
10:00 – 10:45	Presentation 4: Bioethics  <i>Bridging bioethics standards between continents. Presentation by bioethicists Ir. Britte Bouchaut and Mr. Hui Kang.</i>
10:45 – 11:00	Coffee / tea break
11:00 – 12:30	Workshop 2: Bioethics  <i>Discussion on two ethical dilemmas in synthetic biology followed by a reflection on the inherent dilemmas in your projects.</i>
12:30 – 14:00	Lunch break
14:00 – 15:30	Improved project pitch  <i>Each team will pitch how the skill and knowledge earned throughout the meetup has improved their project. Each teams' pitch will last for 1 minute.</i>
15:30 – 16:00	Voting <i>Each team will vote for the teams with the best presentation, poster, and engagement throughout the meetup.</i>
16:00 – 16:30	Coffee / tea break
16:30 – 17:15	Award ceremony <i>Announcement of the winners of the best presentation / poster / engagement.</i>
17:15 – 17:30	Closing video <i>A video will be made summarizing the activities during the three-days meetup.</i>
17:30 – 18:15	Goodbyes 



Dr. Doris Yang

Dr. Doris Yang is Vice President of BGI College, co-host to this meetup. In her short speech, she will welcome everyone to this meetup.



Dr. Yue Shen

Dr. Yue (Chantal) Shen is currently the director of Genome Synthesis and Editing Center of China National Genebank, BGI-Shenzhen. She and her group have set up the synthesis biology platform in BGI since 2011. She initiated the Sc2.0 yeast genome project in BGI (Chromosome II, VII and XIII) and established the genome synthesis capacity using microchip-based DNA synthesis technology and automation approaches. Her group is currently working on establishing genome synthesis and editing enabling technologies for medical, biomanufacture and agriculture related applications. Together with Dr. Ying Gu, she will give an in-depth talk on her current research.

Dr. Ying Gu

Dr. Ying Gu is Senior R&D Director of Synthesis & Gene Editing at the Beijing Genomics Institute. Together with Dr. Yue Shen, he will give an in-depth talk on his current research.



Ms. Hong Chen

Miss Hong Chen is this years iGEM Asian Ambassador. She holds a bachelors of Applied Biology from Shenzhen institute of technology. She was the leader of a 2017 iGEM team and is currently a teaching assistant at SIT. She also runs a biotech startup in southern China. Her interests are Biotechnology, Entrepreneurship and Innovative activities. Besides, she has experience in cosmetic and health products development using Traditional Chinese Medicine. During her talk she will introduce the After iGEM program.



Speakers



Dr. Franklin Nóbrega

Dr. Franklin Nobrega is a post-doc at Delft University of Technology in the Broens' Lab studying phage genome streamlining during evolution, complementarity of phage protein units between distinct taxonomic families, phage-coded anti-defense systems, and viral encoded CRISPR-Cas systems. His PhD centered on understanding bacteriophage biology and exploring phages for diagnosis and therapy. In 2017 he was awarded a Veni grant (NWO - Netherlands Organisation for Scientific Research).

Actively involved in iGEM since 2016 as Team Coordinator and Supervisor, in 2017 he enrolled as a Judge, where the TU Delft 2017 became the most awarded team of all times. In his presentation and workshop, he will give you a hands-on guide for conquering iGEM.

Dorothy Zhang is Director of Science Education at BGI college in Shenzhen and committee member of the iGEM Human Practices Committee. She is the primary PI of the BGIC-Global iGEM team and was a judge at the Jamboree of 2017 and will be one in 2018 again. She has assisted and led the establishment and operation of several NGOs that focus on the exchanging and popularization of life sciences. With a background of psychology, she is now working on bridging the gap between folks without much biology background, especially the young students, and the most advanced research & technology development.

In her joint presentation and workshop, she will give you valuable tools for making your iGEM project into a success.



Ms. Dorothy Zhang



Speakers



Mr. Hui Kang

Hui Kang is External Affairs Officer and Acting Member of Institutional Review Board of BGI (BGI-IRB). He graduated from The Chinese University of Hong Kong with a Master degree in Bioinformatics and Genomics.

He participated in drafting the China Bioethical Guidelines for Biobank and has been teaching Bioethics in BGI College for 3 years. His presentation will touch upon the impact of Chinese myths and legends on people's attitudes and views towards biological issues. For instance the "Nüwa" who is credited with creating life and "Shennong" who is thought to started the practices of agriculture and herbal drugs.



Ir. Britte Bouchaut

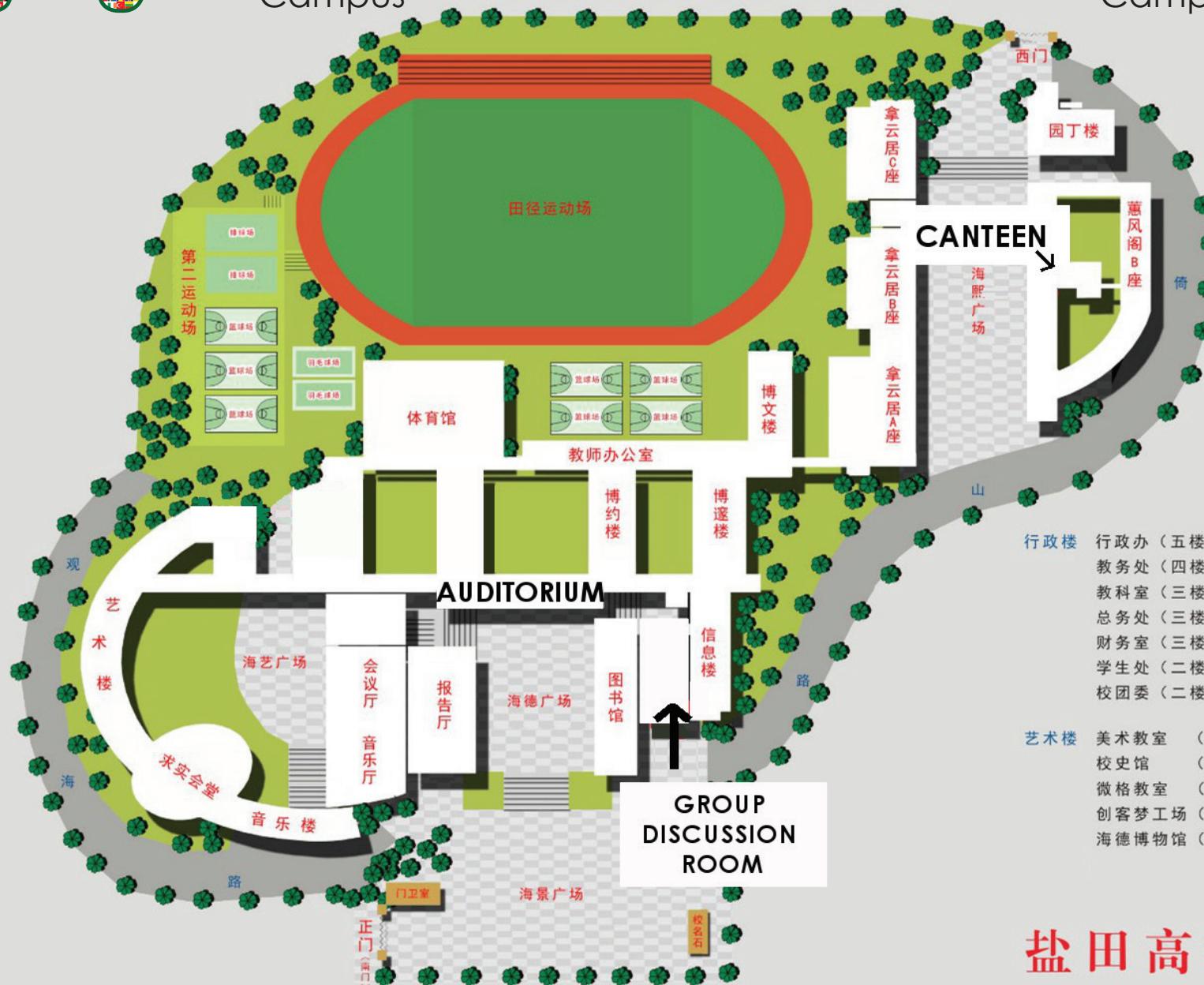
Britte Bouchaut is a PhD researcher in the 'Biotechnology & Society' group, within the Biotechnology department at Delft University of Technology. Britte has a background in Applied Chemistry and Innovation Sciences, and shows strong affinity with philosophy and ethics of technology which is also reflected in her current research. Within her current research, she focuses on how, and to what extent is it possible to create 'Inherent Safety' within the field of biotechnology and synthetic biology.

During the iGEM presentation, important concepts such as 'Value Sensitive Design' and 'Safe by Design' that play an important role during justification of design choices in terms of synthetic biology, will be elaborated.



Yantian Highschool
Campus

Yantian Highschool
Campus



盐田高级中学平面图

行政楼	行政办 (五楼) 教务处 (四楼) 教科室 (三楼) 总务处 (三楼) 财务室 (三楼) 学生处 (二楼) 校团委 (二楼)	博邃楼	高三教学楼
艺术楼	美术教室 (二至五楼) 校史馆 (二楼) 微格教室 (二楼) 创客梦工场 (一楼) 海德博物馆 (一楼)	博约楼	高二教学楼
拿云居	男生宿舍 第一食堂	博雅楼	高一教学楼
	医务室 小超市	博文楼	社团基地
	蕙风阁 女生宿舍 第二食堂	实验楼	物理实验室 (四楼) 生物实验室 (三楼) 化学实验室 (二楼) 学生服务中心 (一楼) 心理成长中心 (一楼)
	园丁楼 第三食堂		



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