

# CBI A<sup>3</sup> Jam



# Today's Schedule:

FRIDAY, 30 NOVEMBER



08:30	→ 09:00	Teaching team meeting	🕒 30m	📍 3179-R-E06	✎
09:00	→ 09:15	Warm-up (team CB-neath) and instructions for the day	🕒 15m	📍 3179-R-E06	✎
09:30	→ 12:00	Team Switch, Facilitated 3-hour Jam	🕒 2h 30m	📍 3179-R-E06	✎
12:00	→ 12:30	Present Switch Outcomes	🕒 30m	📍 3179-R-E06	✎
12:30	→ 13:30	Lunch	🕒 1h		
13:30	→ 15:00	Ideation session 6: future scenarios		📍 3179-R-E06	✎
15:00	→ 16:30	Idea development and preparation for pop-up	🕒 1h 30m	📍 3179-R-E06	✎
16:30	→ 17:30	R1 Pop-up CERN Scientists / Stakeholders & Feedback on Selection of Ideas 📄	🕒 1h	📍 Restaurant 1 ()	✎
17:30	→ 18:00	Finish, reflect, information for tomorrow	🕒 30m	📍 3179-R-E06	✎
18:00	→ 18:30	Teaching team meeting	🕒 30m	📍 3179-R-E06	✎

# Tomorrow's Schedule:

SATURDAY, 1 DECEMBER			
10:00	→ 10:30	Teaching team meeting	🕒 30m 📍 3179-R-E06 
10:30	→ 11:00	Arrive and Instructions + Warm-up (teaching team)	🕒 30m 📍 3179-R-E06 
11:00	→ 12:30	Co-hack (CERN coaches invited)	🕒 1h 30m 📍 3179-R-E06 
12:30	→ 13:30	Lunch	🕒 1h
13:30	→ 16:30	Co-hack continued, present outcomes 4pm	🕒 3h 📍 3179-R-E06 
18:00	→ 21:00	Explore Geneva	🕒 3h 



A top-down view of a wooden table. On the left, a hand with a brown leather watch is writing the word 'HELLO' in white letters on a small chalkboard. To the right of the chalkboard is a white cup of coffee on a saucer. The background is the natural wood grain of the table.

HELLO

**introducing...**



# CERN coaches



Mariana Moreira

PhD, plasma physics,  
computational  
simulations



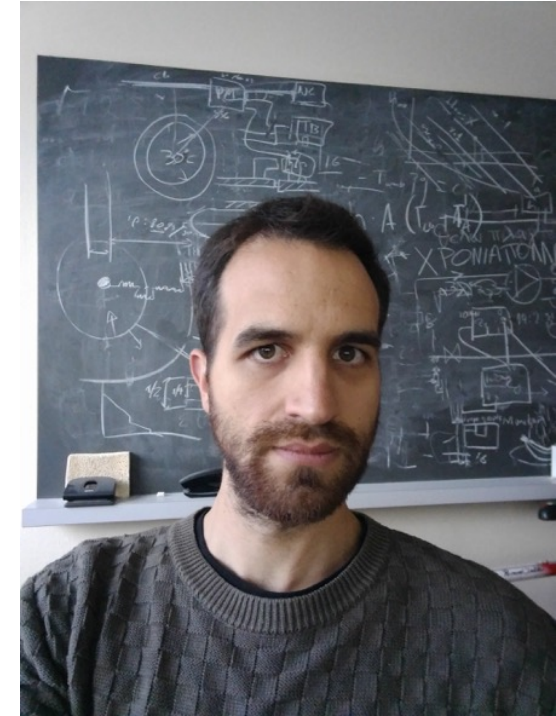
Katharina Ceesay-Seitz

Masters, radiation group,  
embedded systems.



Georgios Kaklamanos

PhD, computer science,  
physics & electronics  
tinkerer



Alex Vamvakas

Mechanical engineer

# CERN coaches

## CB-neath



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computational  
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Spring



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## Spring



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Masters, radiation group,  
embedded systems.

## Quata



Georgios Kaklamanos

PhD, computer science,  
physics & electronics  
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Alex Vamvakas

Mechanical engineer



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## Oceans5

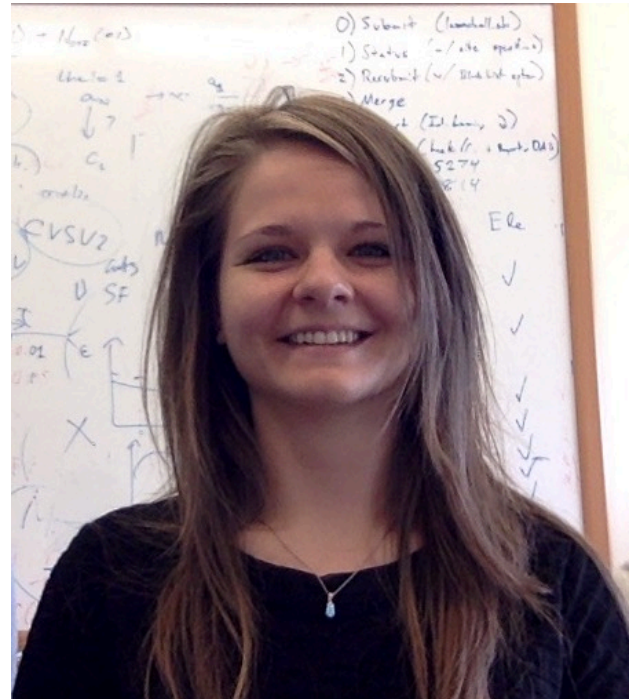


Alex Vamvakas

Mechanical engineer

# CERN coaches – bonus!

**CB-neath /  
Oceans5**



Ashley Parker  
PhD, CMS, particle  
physics, computations



(Max) Chaowaroj  
Wanotayaroj  
Post-doc, Daisy experiment.  
ATLAS upgrade, IT calibration

**Spring /  
Quata**



# '*World café*' team switch

Cross cultural perspectives

Varied working styles

Rapid idea generation

New working experiences

Different thinking towards your projects





# License to Dream

*"I believe in intuition and inspiration. Imagination is more important than knowledge. For knowledge is limited, whereas imagination embraces the entire world, stimulating progress, giving birth to evolution. It is, strictly speaking, a real factor in scientific research."*

Albert Einstein

November 2018

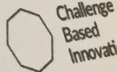


Markus Nordberg

*Markus Nordberg*

Harri Toivonen

*Harri Toivonen*



IdeaS

Christine Thong

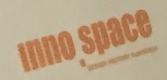
*Christine Thong*

Peter Kaiser

*Peter Kaiser*

Andrea Cr

*Andrea Cr*





# Guiding Principles

1. Don't fall in love with your ideas/prototypes
2. Fail forward: fail fast, learn and iterate
3. Have fun, to be creative
4. Think big, think unconventionally
5. Embrace the power of positive
6. Everyone's voice be heard equally

A photograph of two people sitting at a wooden table outdoors. The person on the left is wearing a dark jacket and holding a light-colored mug. The person on the right is wearing a dark jacket and a light-colored scarf, also holding a light-colored mug. On the table, there is a black coffee pot with a glass carafe, a black teapot, and a glass carafe with coffee. The background is a blurred wooden wall.

# ' *World café* 'team switch

1. Regular teams define challenge (15 mins)

2. Team switches 3 x 40 minute sessions

3. share outcomes (30 minutes)



# 1. Define challenge goal (15 mins)

*select something new*

**How might we....**

**< *insert challenge issue* > because**  
**< *insert user/stakeholder* > needs to**  
**< *insert need description* >**

**How might we....**  
**change surgical services because**  
**Sabrina the mother needs to**  
**reassured her daughter will be safe**  
**when operated on**



## 2. World Café Switch (3 x 40 mins)

### **Each session:**

Each team must have 1 original member

Everyone else, find a new challenge to work on

30 minutes, generate ideas

10 minutes prototype 1 idea

*Repeat x 2!*

# 3. Present back outcomes

## **Each team:**

3 minute explanation of the 3 prototypes made

2 minutes feedback



Ready?... Lets go!





# 1. Define challenge goal (15 mins)

*A<sup>3</sup> select a new SDG opportunity to focus on*

*X select a new stakeholder/user or aspect of your challenge*

**How might we....**

**<insert challenge issue> because  
<insert user/stakeholder> needs to  
<insert need description>**

## 2. World Café Switch (3 x 40 mins)

### **Each session:**

Each team must have 1 original member

Everyone else, find a new challenge to work on

30 minutes, generate ideas

10 minutes prototype 1 idea

*Repeat x 2!*



# C. Present back outcomes

## **Each team:**

3 minute explanation of the 3 prototypes made

2 minutes feedback