Teleconference #1 Agenda

THE Port

"Human Aid Knowledge Exchange" Team
September 12, 2018

Agenda

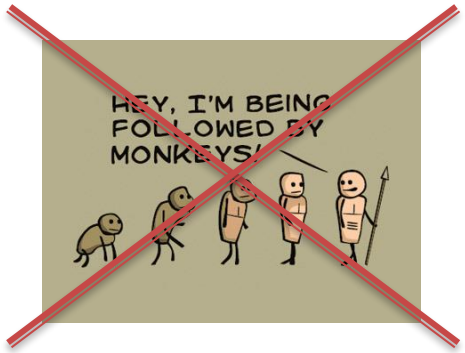
- Hello and Welcome!
  - Introduction of your coaches and mentors
  - Introduction of participants
- Organizational stuff
  - Travel arrangements and side accommodations
  - Your challenge
- Project Milestones Week 1
  - Decide how to decide
  - Future teleconferences (tool, date/time, organization)
  - Team name
  - Tools
- Outlook
  - Next teleconference
  - Next milestones
- AOB, Requests, Questions and open discussion

Topics 2018

- Pier **Topic** (Coach):
  - 09 **Human Aid Knowledge Exchange** (Daniel, Karolos)
  - 18 **Human Document Investigator** (Karolos, Ben)
  - 32 **The Take-Away Cultural Food Experience** (Joao, Josefina, James)
  - 68 **Environmental Sanitation Tricorder** (Saco, Oliver)

Hello and Welcome!

- Your coaches …
  - Karolos Potamianos
  - Daniel Dobos



- … are here for you to:
  - Act as a linking point between you and THEPort
  - Assist and support you in your creative endeavors
  - Add a bit of structure on the way (milestones, etc.)

Hello and Welcome!

- Tell us …
  - … 3 words to describe you best?
  - … something unusual, surprising or funny about you?
  - … a bit about why you wanted to become part of this particular event?

Hello and Welcome!

Daniel Dobos (DE)

- Daniel is a particle physicist at CERN, Geneva. He is an expert for silicon and diamond particle detectors to study collisions at the Large Hadron Collider. In order to explore the benefits of new technologies he co-founded THE Port association. It combines creative minds in interdisciplinary teams to work on humanitarian technology related benefits to society. He advises the Global Humanitarian Lab (GHL), the ICRC and Impact HUB Geneva on technology foresight and coordinates the program for the Geneva Global Goals Innovation Day (G3iD).

Hello and Welcome!

Karolos Potamianos (GR/BE)

- Karolos is a Research Fellow at DESY working on the ATLAS Experiment at CERN. He studied engineering and business administration at the Université Libre de Bruxelles and physics at Purdue University, earning his PhD searching for the Higgs boson using machine learning, before joining the Lawrence Berkeley National Laboratory. Karolos is an expert in large-scale data analysis, silicon pixel detectors, data acquisition and pattern recognition. He co-founded THE Port Humanitarian Hackathons at CERN.

Hello and Welcome!

Anna Gottschalk

- Anna holds an MSc in Development Economics from the Rome University of Tor Vergata and a BA in European Studies from Passau University. She is PMP and Six Sigma Green Belt certified. Currently, she works as a Consultant Project Manager for the Stop TB Partnership of the United Nations, in Geneva. While her organization operates in the health sector, fighting to eliminate TB worldwide, Anna's main professional focus is delivering IT projects for her organization (ERP, order management system, data warehouse). As such, she loves challenges, resolving problems and delivering result. She is passionate about new technologies, innovative ideas and new ways of humanitarian aid. In the past, she was lucky to have been given the chance to work on different IT and Finance related projects, all over the globe (Rwanda, US, Italy, UK). For the time being she enjoys life in Geneva. - "If you want to learn to swim, jump into the water."

Hello and Welcome!

Barbara Rusconi

Hello and Welcome!

Evangelina Kavrochorianou

Hello and Welcome!

Katherine Rushton

Hello and Welcome!

Margot Montassine

- Young professional with work experiences in leading global companies on particularly challenging missions (project management, talent management, skills development) - Strong problem-solver, with analytical curiosity and agility, trained in design thinking. - Specifically interested in offering thrilling experiences to employees and exploring innovative ways of learning.
- Passion: Build a compelling, effective and meaningful learning experience to enrich people's life

Hello and Welcome!

(Thinhinane)Nina Laribi

Hello and Welcome!

Umung Mishra

Organizational stuff

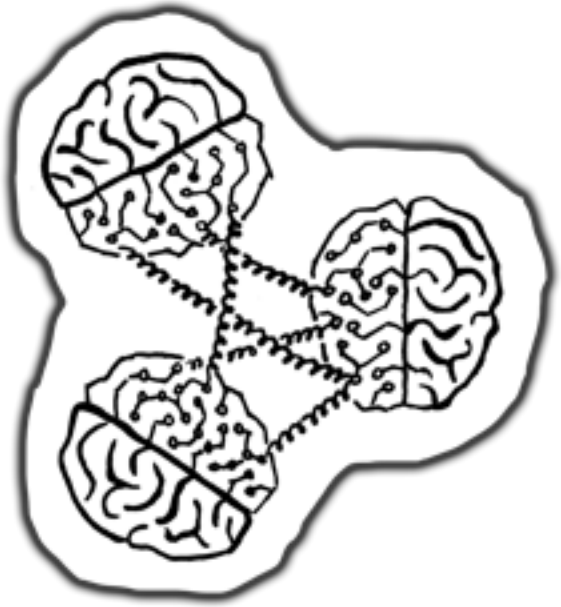
- Travel arrangements
  - Event: **5th October** (morning) to **7th October** (evening)
  - Arrival & Warm-up day: **4th October** (optional, but recommended)
  - Accommodation: Will be provided **only to external** participants from **4th October** to **8th October (4 nights)**
  - Only few transportation cost will be covered partially for special cases
  - Any questions or issues? – Contact: info@theport.ch

Your challenge

THE Port Pier 09 –

Human Aid Knowledge Exchange

When human aid actors face critical decisions, it is a challenging task to see trusted expertise and to keep an overview of relevant information. Recent developments in data management, analysis, and automation allow for the acceleration of knowledge extraction, as well as the optimized finding of meaningful information and the collaborations that can provide it. We aim to create a minimal-effort, transparent, neutral, and distributed knowledge exchange system to make decisions with more impact in less time.



Your challenge

- Goal of the THE Port hackathon:
  - What are your first thoughts on this challenge?
  - First ideas and comments
  - Why do you think we need YOUR skills as they are given in this team?
  - Create a **tangible prototype**!

Project milestones #1

- Decide how to decide
  - Majority vote
  - Expert vote
  - Majority vote, Expert veto
  - Benevolent dictator
  - Decision makers change every week
  - Email-voting for different options with 48hr deadline
  - …

Project milestones #1

- Team name
  - No illegal or inappropriate disambiguity
  - No copyright/trademark infringements

Project milestones #1

- Team teleconferences
  - Fixed date/time or doodle every week?
  - Individual/additional teleconferences

Useful tools

- Tools for video/tele-conferencing
- Recommendation:
  - VIDYO (standard)
    - None of coaches had problems with VIDYO in 2015, some in 2016
    - VIDYO has "fixed" virtual rooms that can be accessed by the same link all the time (very useful)
  - Skype (as backup)
  - Google hangouts
  - ZOOM (free for some time, or pay small fee)

Useful tools

- File and document sharing
- Recommendation:
  - Sharepoint (standard)
    - External participants need CERN "lightweight" account!
    - One needs to be part of the egroup
  - Dropbox (as backup)
  - Google drive
  - CERN box (folder with passwords, etc)

Useful tools

- Drafting/editing of documents and text
- Examples:
  - Sharepoint
  - Excel/Word web apps
  - Slack
  - Trello
  - Etherpad
    - https://etherpad.net/p/Test_pad
    - Alternatives?

Useful tools

- Other useful tools:
  - Doodle (for setting dates/times, e.g. for video conferences)
  - Team homepage (same URL as sharepoint) - tbc
  - CERN email distributor for coaches
  - Ideas for other useful tools?
    - …

Useful tools

- Link compilation:
  - Email: THEPort-Piero9@cern.ch
  - Indico: https://indico.cern.ch/event/755308/
  - Vidyo: THEPort2018_Piero9, extension: 10755308, auto-join URL: https://vidyoportal.cern.ch/join/k4wKoWgz3r
  - GitHub: https://github.com/orgs/THEPortatCERN/teams/hackathon2018-piero9 and https://github.com/THEPortatCERN/Hackathon2018-Piero9
  - Google Drive: https://drive.google.com/drive/folders/1VGooIH3qcOMRAEfOErxOVofCdxIP-Isj

Outlook

- Milestone #2 – Statement of Work
  - Paragraph of 4-5 sentences
  - Coarse requirements, specifications
  - Probably the **most important** and **most time consuming** milestone, because it will state what you want to achieve and set the direction that you want to go in the next weeks
  - Research and coordination among you necessary
  - Should include a **tangible, physical prototype** in the end

Statement of work

- Example
  - **Statement of work - Inflatable fridge team:**

    "Our goal is to build an inflatable fridge prototype in order to produce a cheap and easily transportable cooling device.

    It should be based on either traditional fridge thermodynamic technology (mechanical) or a thermo-electric system and include a rigid base to house the associated technology, with an inflatable box above.
    It should be applicable in situations where transport of the fridge is difficult and a power supply might not be available (for example camping, transporting prepared foods from home to an office/school, humanitarian aid and other field operations).

    Applications in the future might include facilitating transportation of vaccine during the last mile, or preventing biological samples and sensitive drugs from decay. Some of these applications should be investigated as a case study."

Statement of work

- Example
  - **Statement of work - Body bag Team:**

    "Our goal is to build a body bag prototype improving common models in order to greatly delay body decomposition.

    Current models are well suited for handling and transportation of the bodies, but they do not properly address the factors which might influence decay. However, preventing decomposition is extremely important for postmortem identification. Our prototype aims to provide reduced temperature, humidity and oxygen concentration within the bag by increasing water and air impermeability. We believe that this is possible to achieve while maintaining a price range similar to current alternatives.

    We also intend to study alternative use cases for the same device, such as food storage. Further developments could include active cooling, destruction of bacteria and microorganism which provoke decomposition or MSF epidemiology certification for cases like Ebola. In case our prototype should prove to be successful, we aim to set the prerequisites for large scale production."

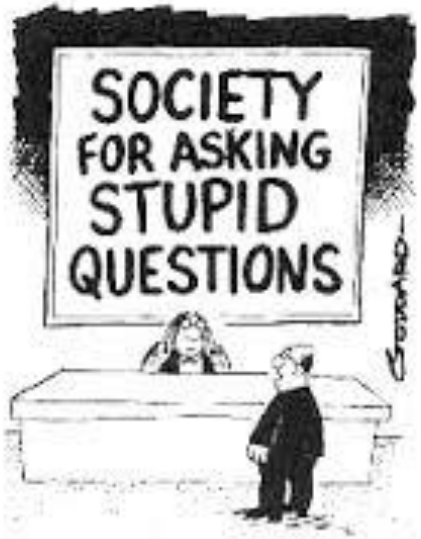
Outlook

- Milestone #3 – Wishlist
  - What will you need for the hackathon event?
  - **Deadline: 28 September**

- Further Milestones
  - Project-specific (tbd)

AOB

- Requests, Discussions, etc.
  - Questions?



"Excuse me, but is this The Society for Asking Stupid Questions?"