

Research at CERN looks at interaction between particles

Research at CBI looks at interaction between team members

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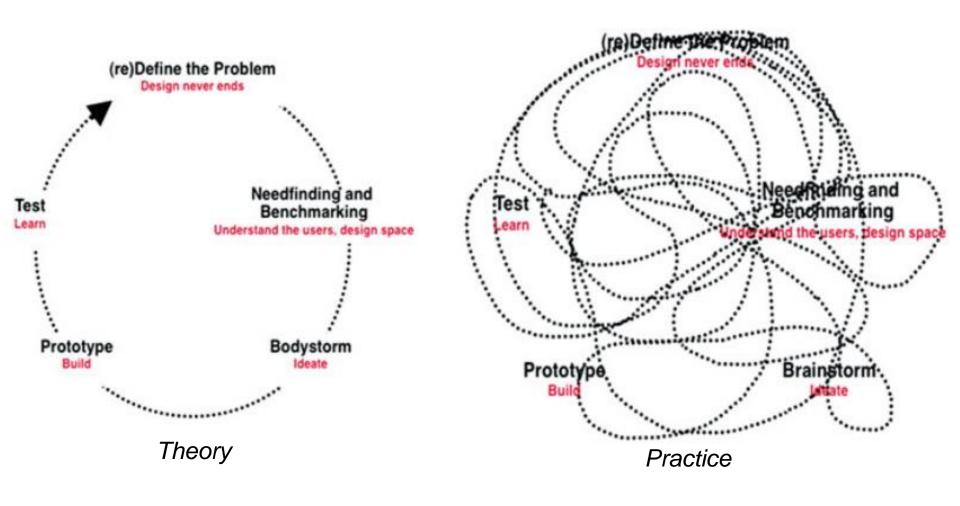
Research at CBI looks at interaction between team members

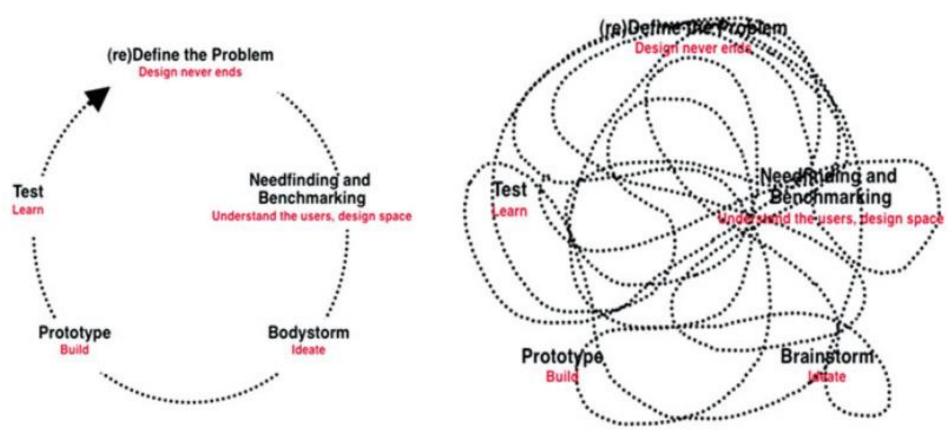
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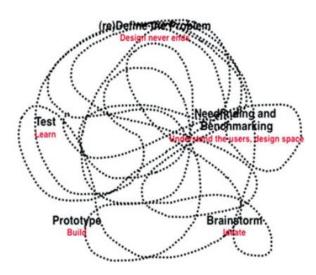




Though design is not science, there are benefits in understanding better, what is going on.

Teams with more transitions between the different modes did better Research by Micah Lande

Lesson 1: Start and close modes and be conscious over the switches.





Example from CBI II

What kind of difference does testing make? How can we measure that?

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Egg drop challenge revised Martin Steinert & Carlo Kriesi at NTNU

A: Not allowed to test the design

B: Made to test the design

Measured height will tell numerical difference between testing and not testing.

+ confidence

Example from CBI II

What kind of difference does testing make? How can we measure that?



Egg drop challenge revised Martin Steinert & Carlo Kriesi at NTNU

A: Not allowed to test the design

B: Made to test the design

Measured height will tell numerical difference between testing and not testing. 69cm / 175cm

+ confidence 44%

Example from CBI last year

What kind of difference does access to primary information/observation make?



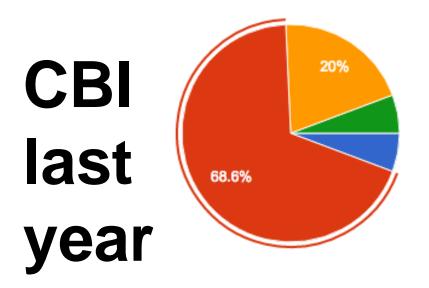
Project progress & outcome evaluation

Ideasquare & CBI teaching team

Correlation between early stage access to primary information / observation resulted in finding interesting and meaningful problems faster, and getting to prototyping creative solutions sooner. Outcomes better defined.

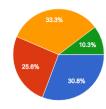
Which of the following you think would be a starting point for a project with a maximum societal impact?

(35 responses)



- A challenge based on a new business opportunity?
- A challenge based on a new user need opportunity?
- A challenge based on a new technology opportunity?
- Other





- your own challenge, ideated and put together in your team?
- the challenge framed by an organization as happened now? (need pull)
- challenge formed starting from the technologies by CERN KT/ Polito TT groups? (tech push)
- Other

"I haven't heard from them in a long while"

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CBI student

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- CBI student
- Knowledge transfer expert

"I haven't logard from them have non while"

- CBI student
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DT business as usual

Reimagining the future

DT business as usual

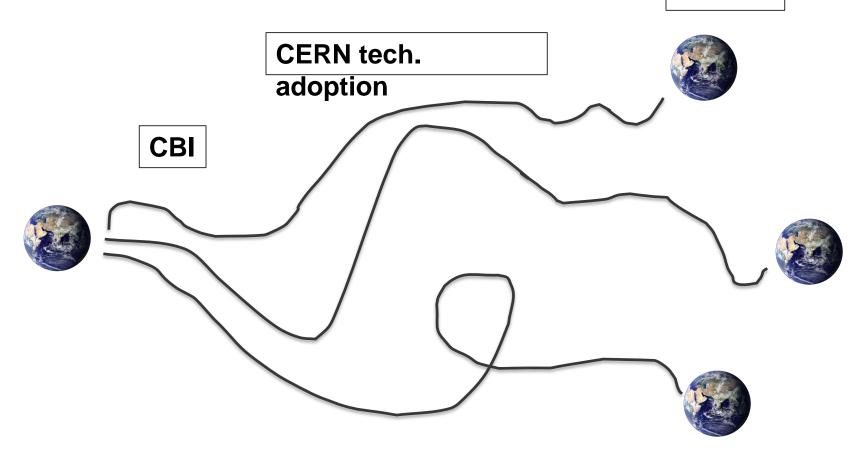
Reimagining the future





joint production

futures



http://hyper-reality.co/

Produce utopia & dystopia (we have papers & will collect them)

Be unique to your project, consider...

Cultural/social changes

E.g. Heteronormative people shift from hegemony to periphery

Economic changes

E.g. new bit coin type of a currency is used globally to transmit value. Euros and dollars lose their value.

Political changes

E.g. direct voting takes over or governments are no longer needed

Technological changes

Wireless energy, hacking DNA at home, AI combined with robots



Utopia/dystopia	team name:
Draw here	Write here
visualization	description

Share with another team & find

1 design requirement from utopia1 design requirement from dystopia

