InnovWiki: A New Paradigm for Online Collaboration
Empowering Innovation Through Virtual Markets

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Entrepreneurial Dream
From Startup to Stock Exchange

1. Group of entrepreneurs form a startup
2. Product is liked by users
3. IPO sets the initial stock price
   Stocks will be traded in the exchange market

Initial Public Offering
from private to public

- Founders want to grow the company; raise money for further development
- People want to have stocks of companies that they think will appreciate
We mimic the entrepreneurial world + more ...

- Our goal is to empower people with the tools to innovate and collaborate with peers, colleagues and community
- 3 core elements - to be utilized *independently or together*

**C**ollaboration
- Collaborate & develop projects, in & between organizations
- Actively engage individuals by utilizing their core motivations and strengths
- Share the results of (research) activities with a larger audience

**M**arket
- Exchange or Prediction Market
- Belief Elicitation
- IPO for ideation
- Natural mechanisms to assess the value of projects & ideas

**T**ools
- Use state-of-the-art tools to produce & integrate scientific results
Why InnovWiki?

Assessing Values of Ideas / Projects

Take advantage of the “wisdom of the crowd” to reveal valuable information possessed by participants and transcend it via self-organizes emergence of consensus even in the presence of structural uncertainty.
How does it work?

Create a Collaboradom*

- Secure place ruled by collaboration
- Collaborate with desired community
- Learn & work collectively

Create or join Projects

- Members join desired projects
- Members decide on project share distribution

IPO Process

- Each project is like a startup that goes through an IPO
- Projects’ shares can be traded on the market after IPO

Continuous Valuation via Market

- Trade shares to build a strong portfolio

Radical Transparency, Social Interaction, ...

*Collaboradom is a place ruled by collaboration and describes the spaces on the InnovWiki platform where people collaborate (it stems from the noun “collaboration” and the suffix “dom”).
Welcome to InnovWiki!

https://innovwiki.ethz.ch

INNOVWIKI Platform Showcase
When will I finish this presentation?

You can use the InnovWiki prediction market to predict the outcome of any event.
Let’s say you would each get:

3 tickets for any of the outcomes related to how I would finish my talk + 300 virtual dollars.

*If I finish this presentation on-time,* “on-Time” tickets would each be worth 100 virtual dollars.
All other tickets (early and late) would be worth ZERO.

You could trade your tickets with the other people in this room (collaboradom).

The person who accumulates the most ADDITIONAL WINNING TICKETS (other than the initial 3) and ADDITIONAL VIRTUAL CURRENCY (other than the initial 300 virtual dollars), would win a box of Swiss chocolates 😊
Welcome to InnovWiki!

1. Register Account

2. Confirm your account through an email link that is sent to the provided email address.
3. Log in with your username and password

4. Join the "GBSN2017" Collaboradom using the code: GBSN2017
GBSN2017 - GBSN Exchange

17.10.2017 17:16:41 | $ 1,120.00 (500.00)

GBSN Exchange

Stock Prices

Choose any stock to trade
You could use InnovWiki and create prediction markets to predict the outcome of any event such as:

**what would be the price of S&P 500 next Monday at 5:00PM?**
Use as a Course Management System
Use Market to Evaluate Ideas (Projects)
Who can benefit from InnovWiki?

**Education Systems**
- Course management system
- Ease collaboration on projects, and evaluate them using the market
- Transparent access to performance

**Scientific Communities**
- Enhance participation and teamwork on research projects
- Provide ideal infrastructures to collect, share and improve knowledge development on a particular subject

**Established Businesses**
- Create secure collaboration pages for each company
- Collect employees' ideas bottom-up and develop internal projects to better utilize the human capital
- Identify talents and ideas for entrepreneurship and evaluate these ideas using the embedded market

**Policy Makers, Hobbyist, & the Curious**
- Create pages about own ideas and collaborate with circle of friends/desired communities
- Receive feedback from invited critics
- Decide on the level of visibility of projects
- Join other colaboradoms and contribute own ideas
- Evaluate ideas using the built in market

Exchange and prediction markets provide off-the-shelves tools to extract the wisdom of the crowd (e.g. research on experimental economics, consumer behaviors, ...)

InnovWiki

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InnovWiki
Road Map

- Build a prototype, learn, multiple restarts
- IW v1.0 scalable, stable, fast
- Testing and Trouble shooting
- Finishing Touches
- Release to selected communities
- Early 2018

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Awarded for developing an innovative teaching platform (2012)
KITE Award
Nominated for innovative teaching at ETH Zurich (2015)
Tools + Projects

Upload Data ➔ IW Toolbox ➔ Analyze & Download Results ➔ as a file...

...in the cloud...

...dynamic part of a project to share with your desired community....

Use demos to enhance learning

Statistical and Prediction Tools