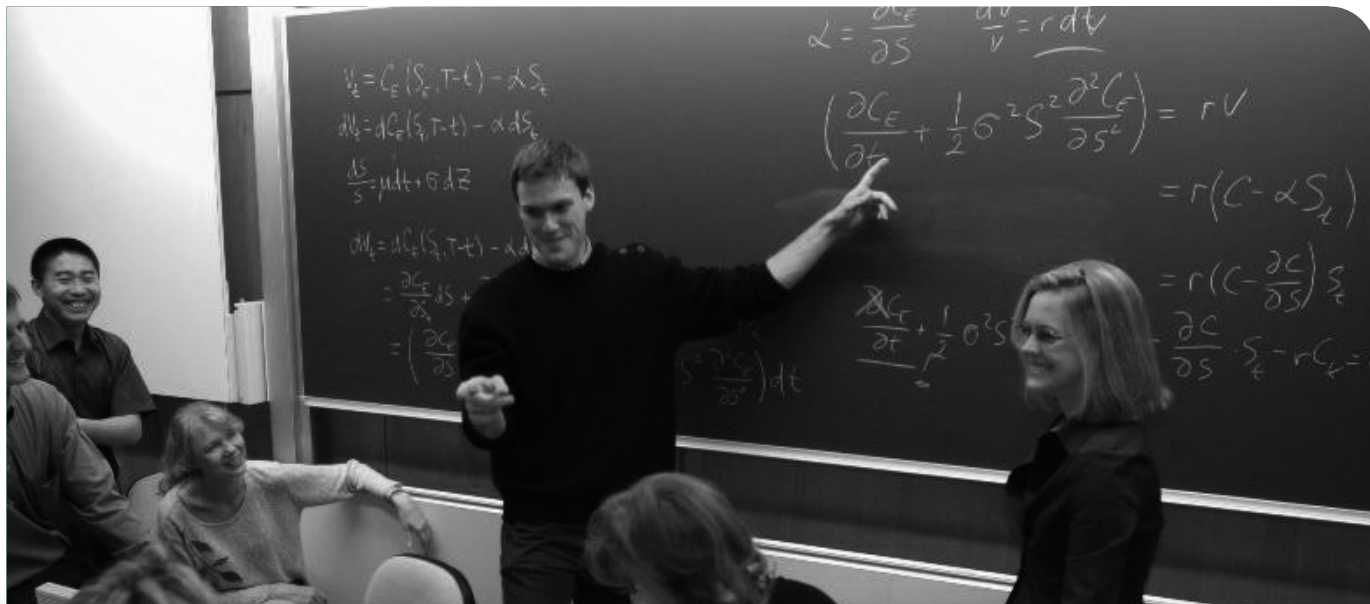


Unil

UNIL | Université de Lausanne



SWITCHaai Info-Day 2006 - 21.11.06

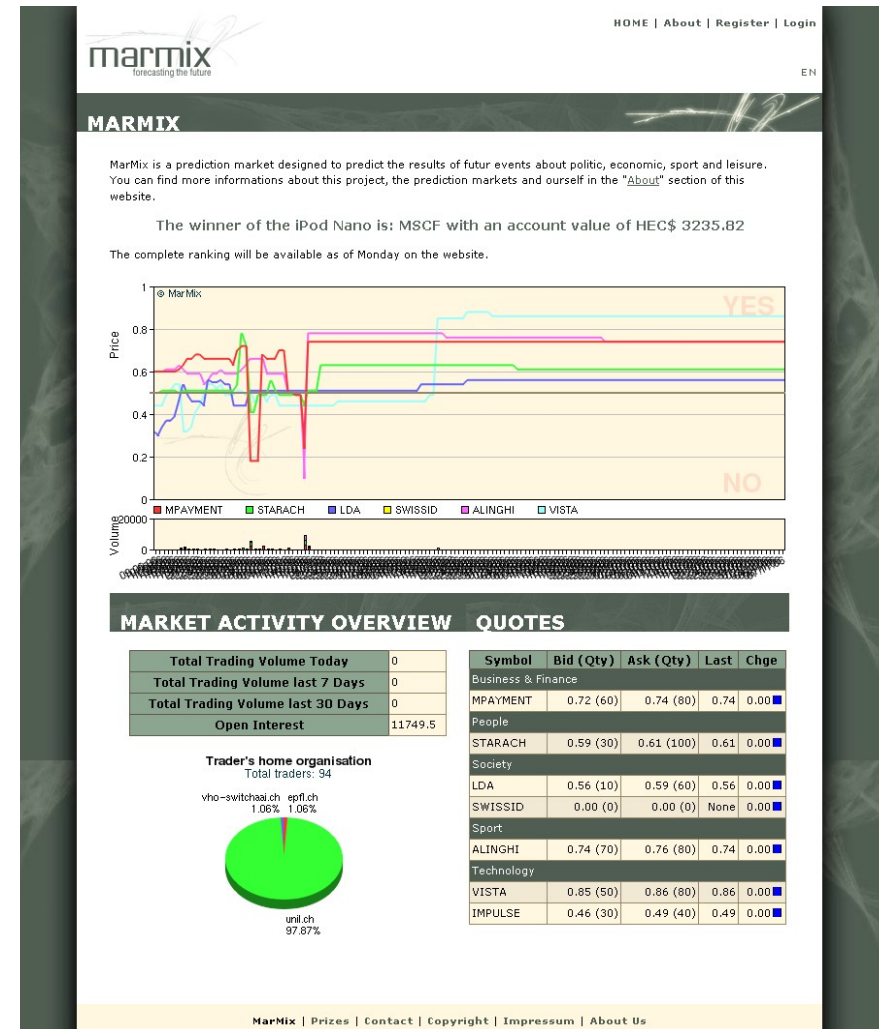
MarMix &



How to improve your application with SWITCHaai?

Agenda

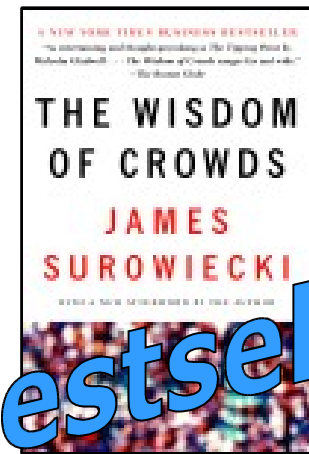
- **Prediction Markets**
 - What is a prediction market?
 - How does it work?
 - Who's in the prediction business?
- **SWITCHaai**
 - MarMix@UNIL
 - MarMix@MICS
 - SWITCHaai benefits for MarMix
 - What we solved outside SWITCHaai



What is a prediction market?

- Prediction markets are **speculative markets** inspired by the **future exchanges** created for the purpose of **making predictions**.
- Assets are created whose **final cash value** is tied to a **particular event** or **parameter**.
- The **current market prices** (fixed by the bidding and asking prices) can then be interpreted as **predictions of the probability** of the event or the expected value of the parameter.

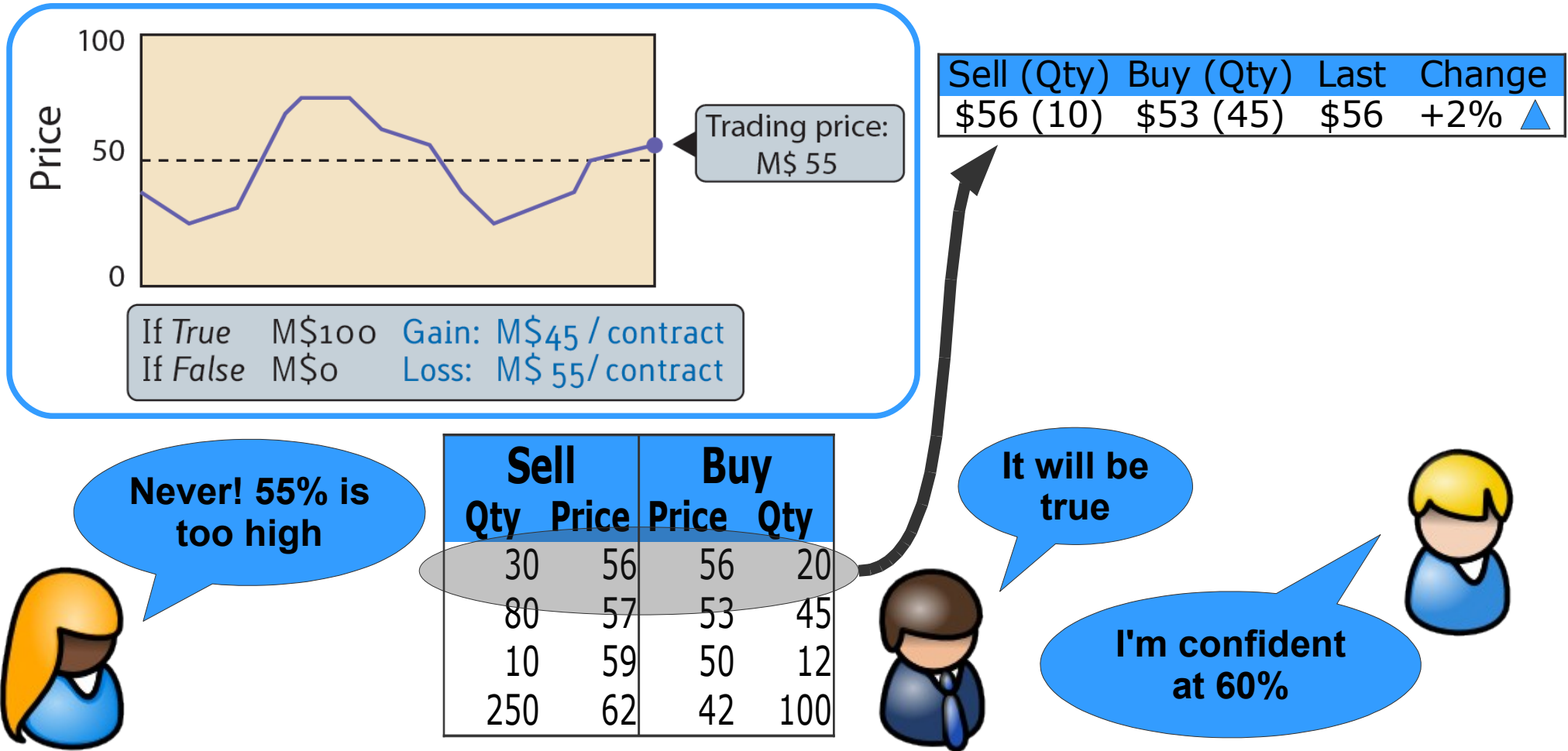
Vista will be launched before the 22.12.06, whatever is the version, or the distribution method, or the country, or the format, or the available quantities, etc....



Bestseller

How does it work?

« **SWITCHaai is implemented in 200 applications till the end of 2008** »



Who's in the Prediction Business?

Prediction markets are gaining traction elsewhere in the Fortune 500, trying prediction markets to divine everything from the future price of LCD TVs to the number of consumers, who will buy forthcoming products.



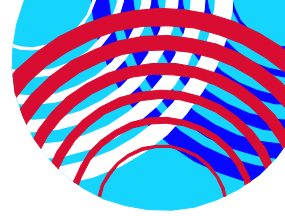
	<i>Predicting the number of bugs in new software applications</i>
	<i>Forecasting microchip prices</i>
	<i>Choosing the best new research ideas</i>
	<i>Predicting the dates of product launches</i>

- Allow only one account per student ➡ Students can share a **dedicated** account
- Give access to all students (UNIL + EPFL & mobilite) and partners (medias) ➡ **LDAP.unil.ch** do not integer non-UNIL people

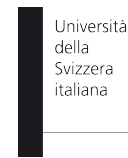
SWITCHaai



- ➡ **Difficult to share** (give access to personal informations)
- ➡ Allow virtually **all swiss students** to participate
- ➡ Possibility to **include non academic partners** via VHO

MarMix@MICS






NFS NCCR with 7 academic partners



- Guarantee the confidentiality of the market  Need a strong identification of the users
- Limit user administration (180 users)  Delegate the user administration to third-party

SWITCHaai

-  **Strong identification** by Home Organizations
-  **User administration** by Home Organizations
-  Possibility to **include non academic partners** via VHO

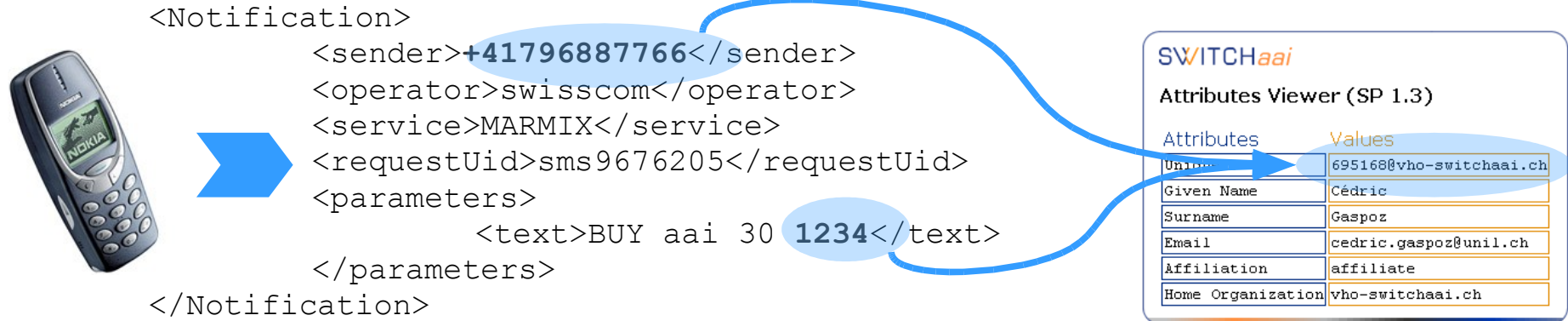
SWITCHaai benefits for MarMix

SWITCHaai

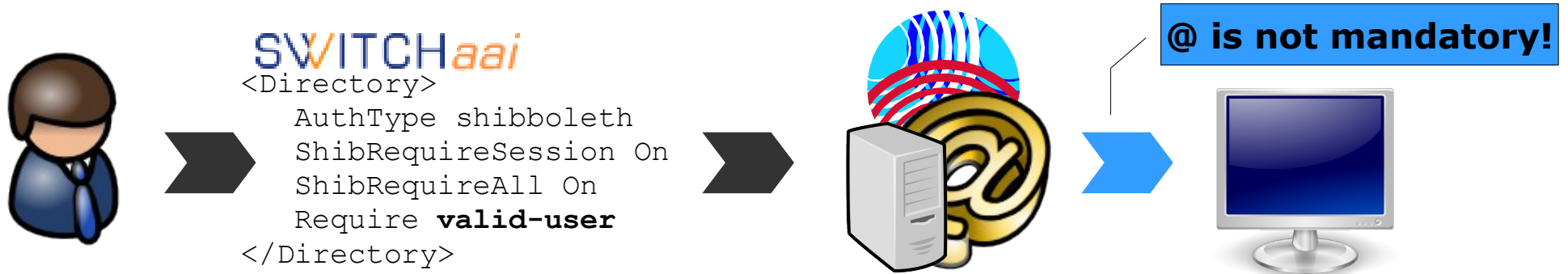
- Focus on our core business by **delegating user management** to third-party
- Enable **inter-organizational** collaboration
- **Trusted** user identification
- **Easy to deploy** and maintain
- Possibility to **include non academic partners** via VHO
- **User friendly** authentication (single log in/on)

What we solved outside SWITCHaai

- **Mobile authentication** for SMS trading
 - Using the **mobile number** and a **PIN code** as log in



- Managing **authorization on a user basis**
 - AAI [no restrictions] && MarMix [restrict to specific users]



Questions? / Remarks?

Cédric Gaspoz

Research and teaching assistant

Information Systems Institute – HEC - UNIL