

• Carnegie Mellon University • Pittsburgh

# OLYMPUS

Next  
Generation

• Talent • Computing • Economy

About

People

PROBES

Events

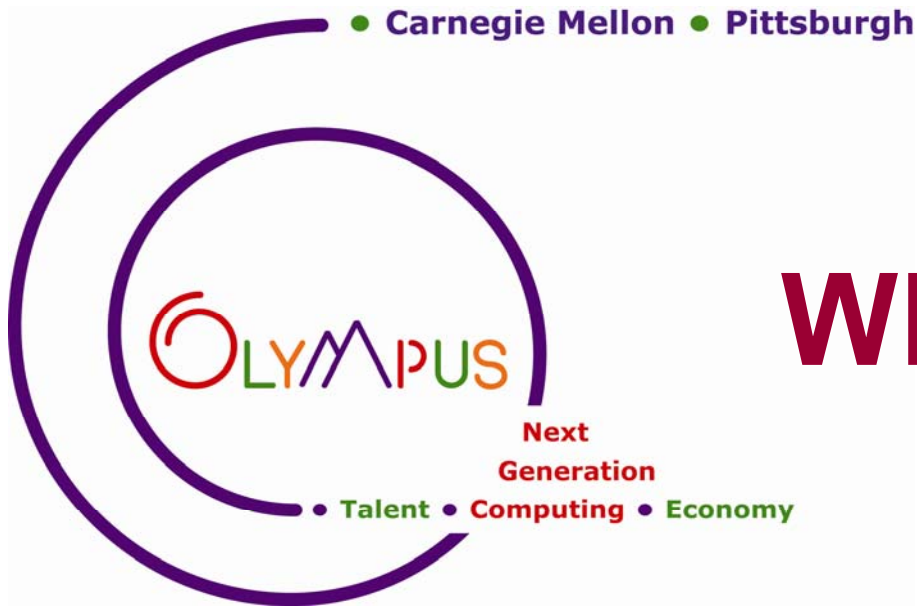
CONNECTS  
Students

News

In Town

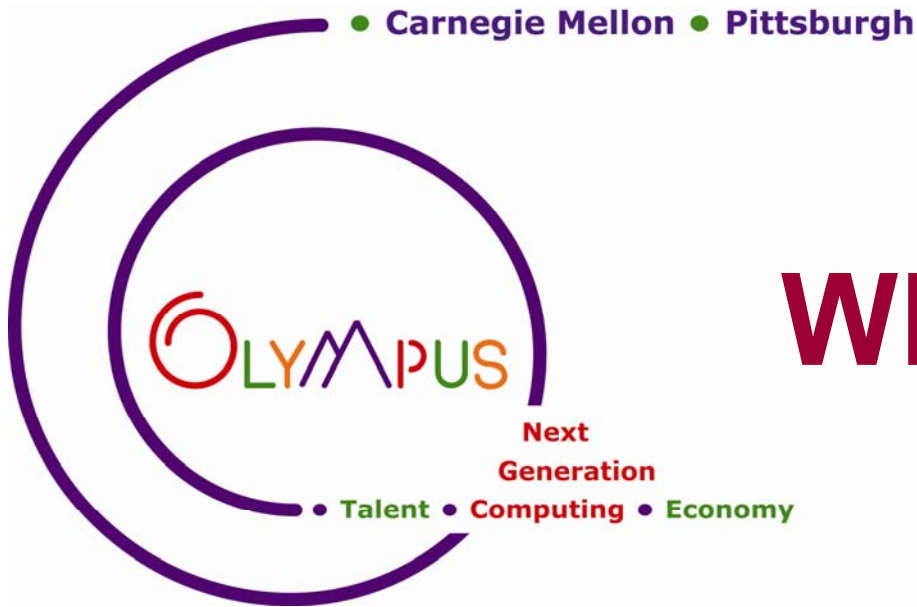
Community  
Showcase

Links



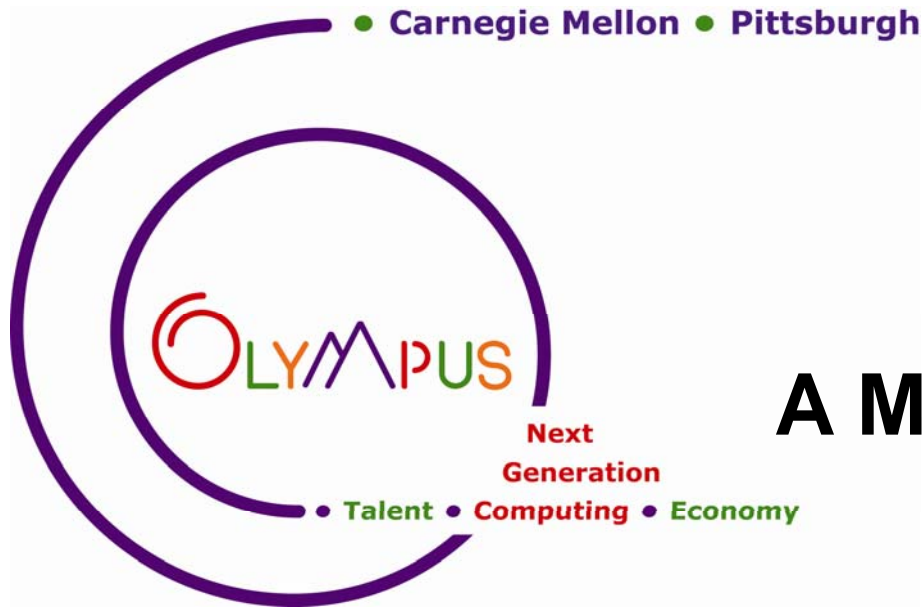
# Why Olympus?

**To connect research activities at CMU with business creation and technology transfer opportunities.**



# Why Olympus?

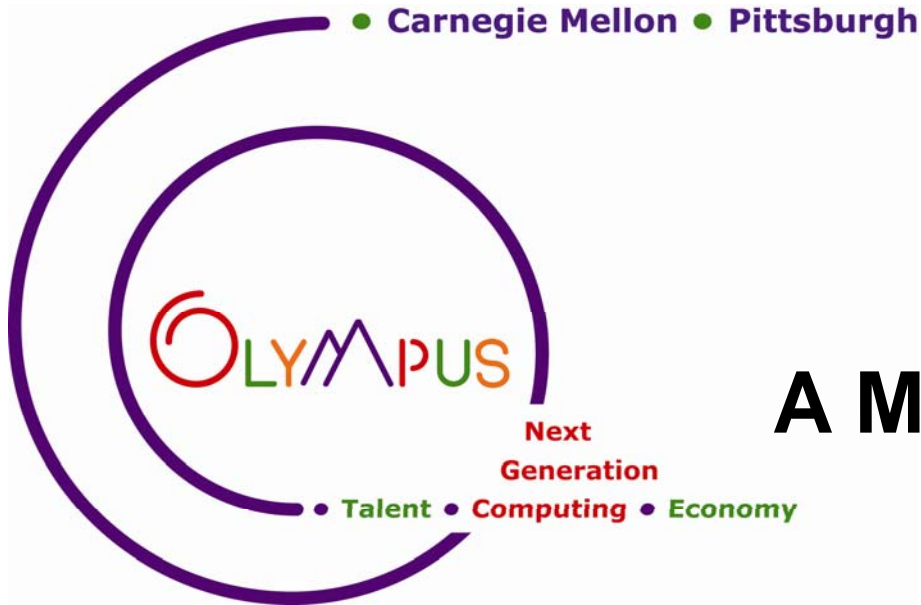
- **To Create a Culture/Climate and Community**
- **To Enable Talent and Ideas to Grow in the Region**



# Project Olympus Synergistic Model

## A Multi-faceted Approach

- Launched with an initial grant from **The Heinz Endowments**, **Olympus'** goals coincide with those of **The Heinz Endowments' *Innovation Economy* program.**
- **Olympus** is served by an **amazing Executive Board and Advisory Cabinet!**
- **Olympus** serves as a **Hub** for entrepreneurial activity and, in a certain sense, plays the role of a **pre-Angel micro-Investor.**

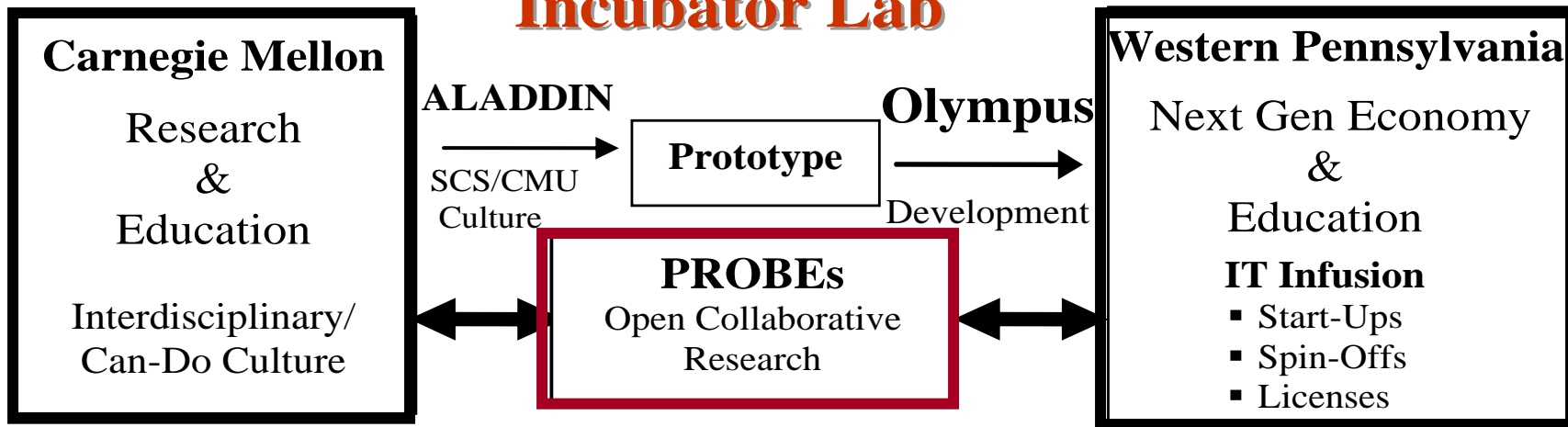


# Project Olympus Synergistic Model

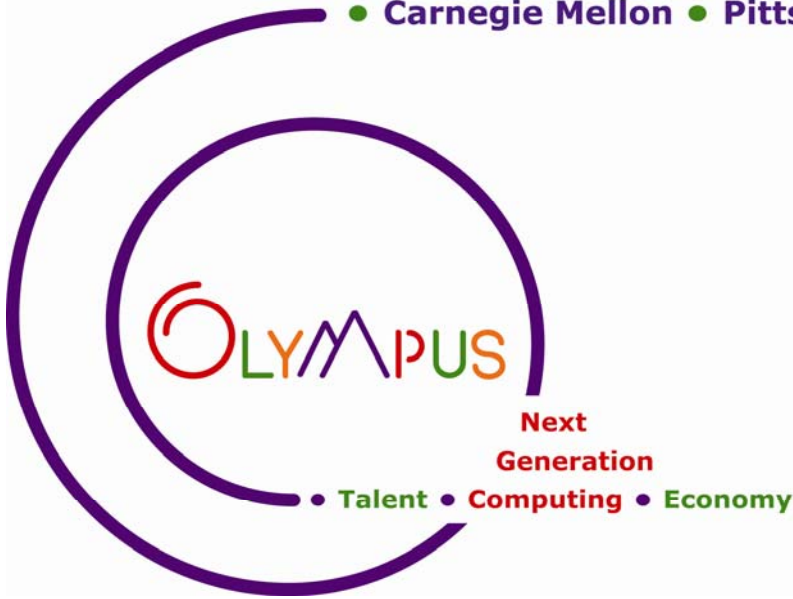
## A Multi-faceted Approach

**At the Core: A Dynamic High Tech**

### Incubator Lab



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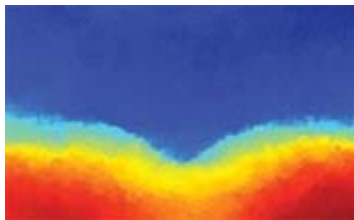


• **Teams** of students, grads, faculty & business advisors work together on focused

• **PROBEs (PROBLEM-oriented Explorations)** to develop potentially commercializable ideas and projects emerging from core university research.



reCAPTCHA



Spectral/  
Medical Imaging



Mindkin



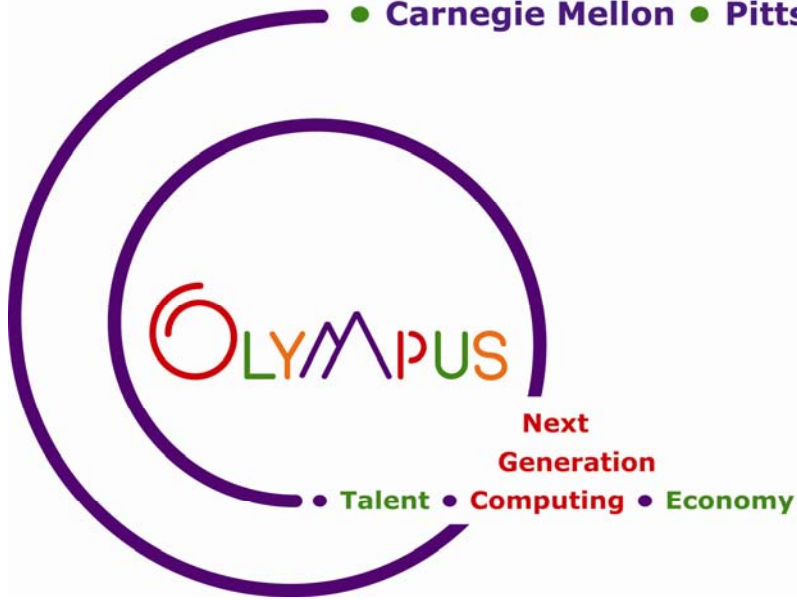
M-Tool



Semiotic



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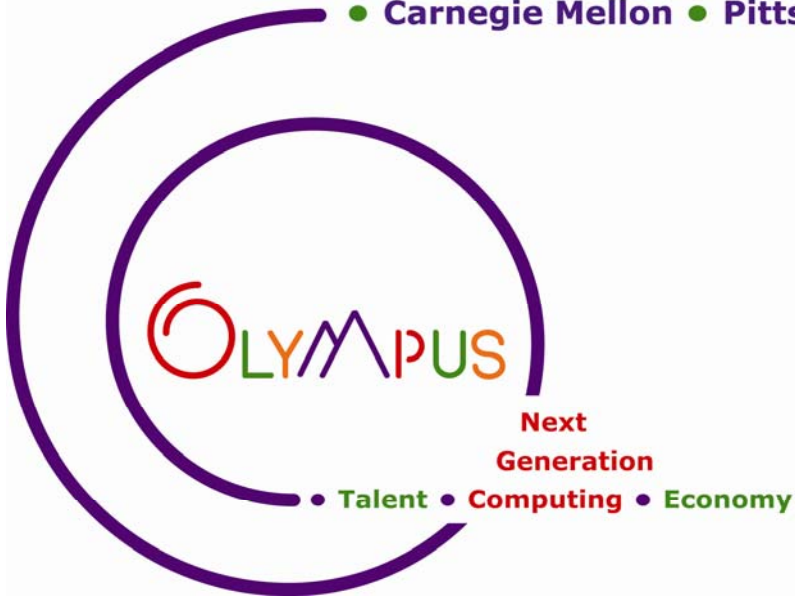


- **Teams** of students, grads, faculty & business advisors work together on focused
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# NewSpace



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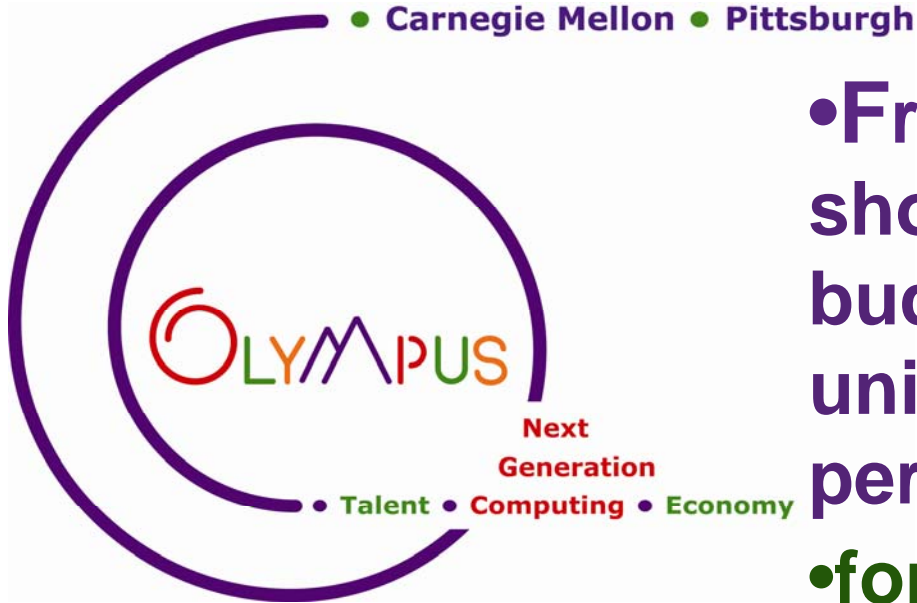


# NewSpace

- **Teams** of students, grads, faculty & business advisors work together on focused
- **PROBEs (PROBLEM-oriented Explorations)** to develop potentially commercializable ideas and projects emerging from core university research.







•Frequent **Show and Tells** showcase Olympus PROBEs, budding talent, local start-ups, university research and guest perspectives

•for the regional civic and innovation/investment communities.



For more information, please visit the Project Olympus website  
[www.olympus.cs.cmu.edu](http://www.olympus.cs.cmu.edu)



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# TODAY'S SHOWCASE

# TODAY'S SHOWCASE

**A FOCUS ON RESEARCH from the School of Computer Science**

•Prof. Seth Goldstein, The Claytronics Project  
**The Future is Programmable**

•Prof. Carlos Guestrin, The Select Lab  
**Optimizing Sensing: from Water to the Web**

•Prof. Latanya Sweeney, The Data Privacy Lab  
**Fast Capture of Fingerprints**

**NEW KID ON THE BLOCK**

•Jeff Mullen, Tepper MBA student  
**DYNAMICS: Eliminating Credit Card Fraud**

**OLYMPUS CONNECTS**

•Matt Harbaugh, CIO, Innovation Works,  
**Launching the AlphaLab**

Reception @



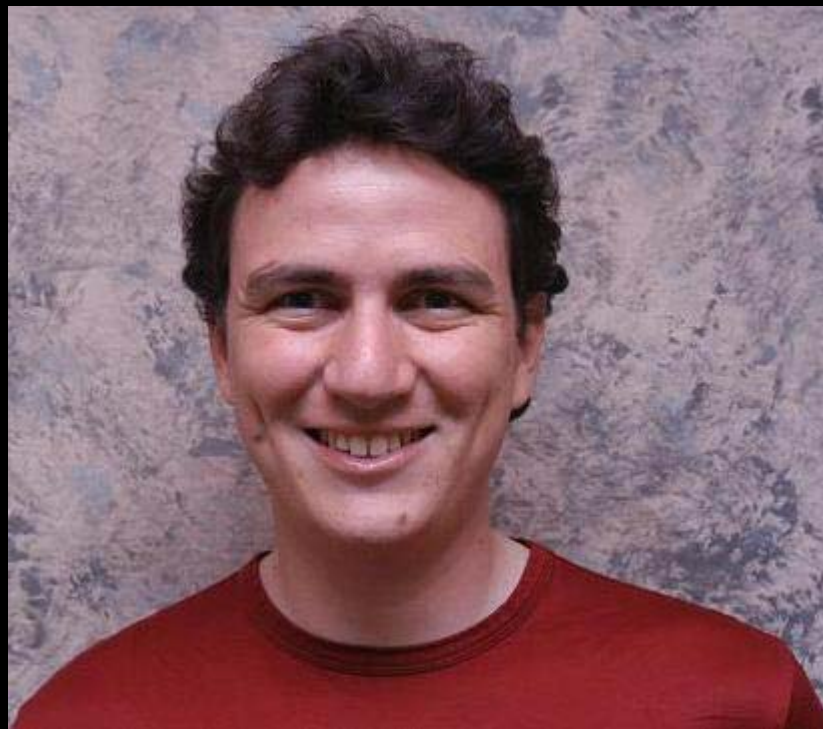
# The Future is Programmable



Prof. Seth Goldstein  
The Claytronics Project



# Optimizing Sensing: from Water to the Web



Prof. Carlos Guestrin  
The Select Lab

# Fast Capture of Fingerprints



Prof. Latanya Sweeney  
The Data Privacy Lab

# DYNAMICS: Eliminating Credit Card Fraud



Jeff Mullen  
Tepper MBA student



# Launching the AlphaLab



Matt Harbaugh, Jim Jen  
Innovation Works





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# Reception @ (Upstairs)





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# LET the SHOW BEGIN !

















RECYCLE  
↓



























Why not a C++...

Why not a C++...  
Why not a C++...

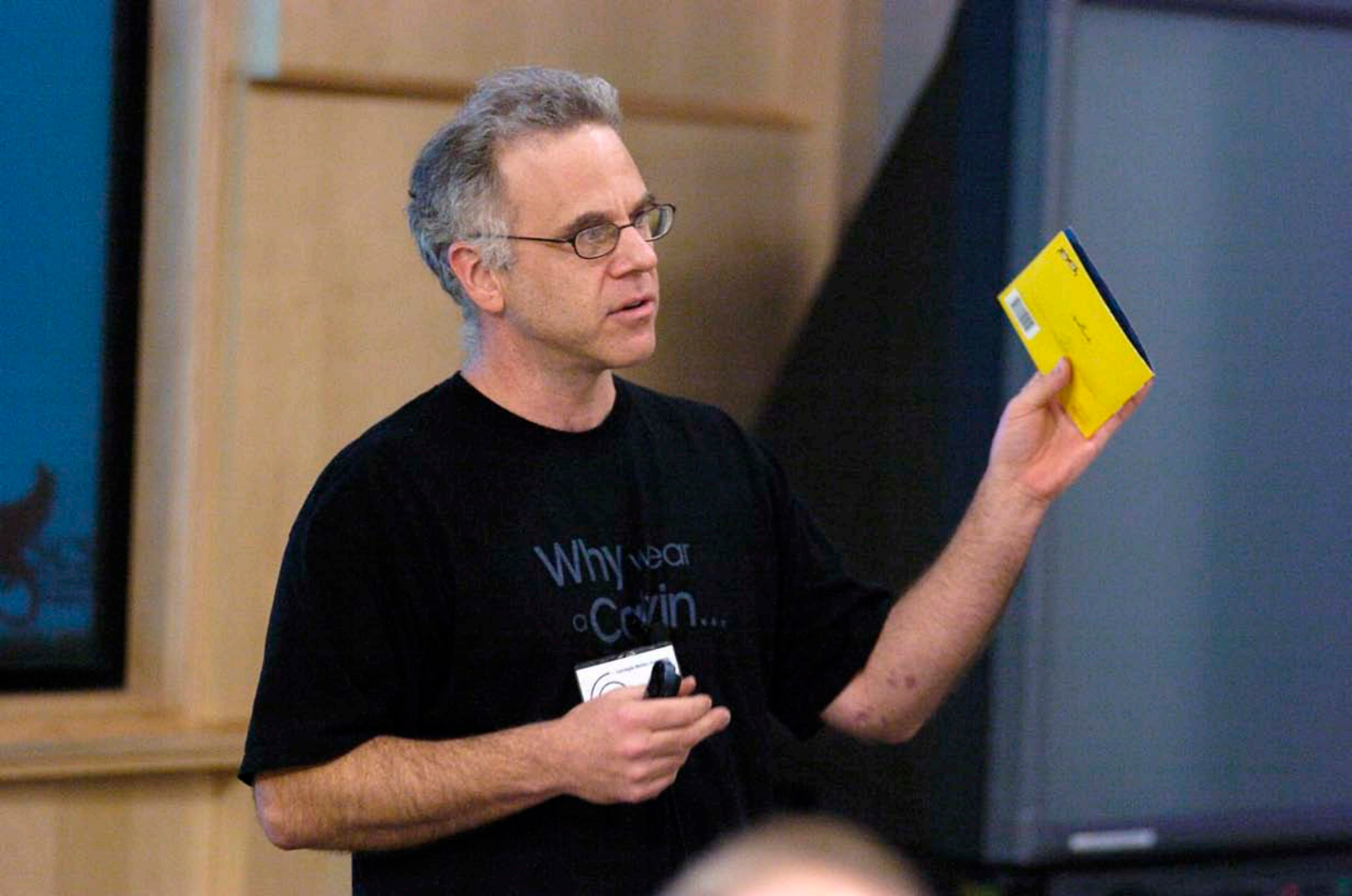


you wear Einstein...  
Seth Goldstein



Why wear  
Calvin...

  
Seth Goldson



Why wear  
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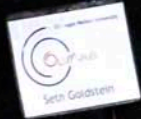




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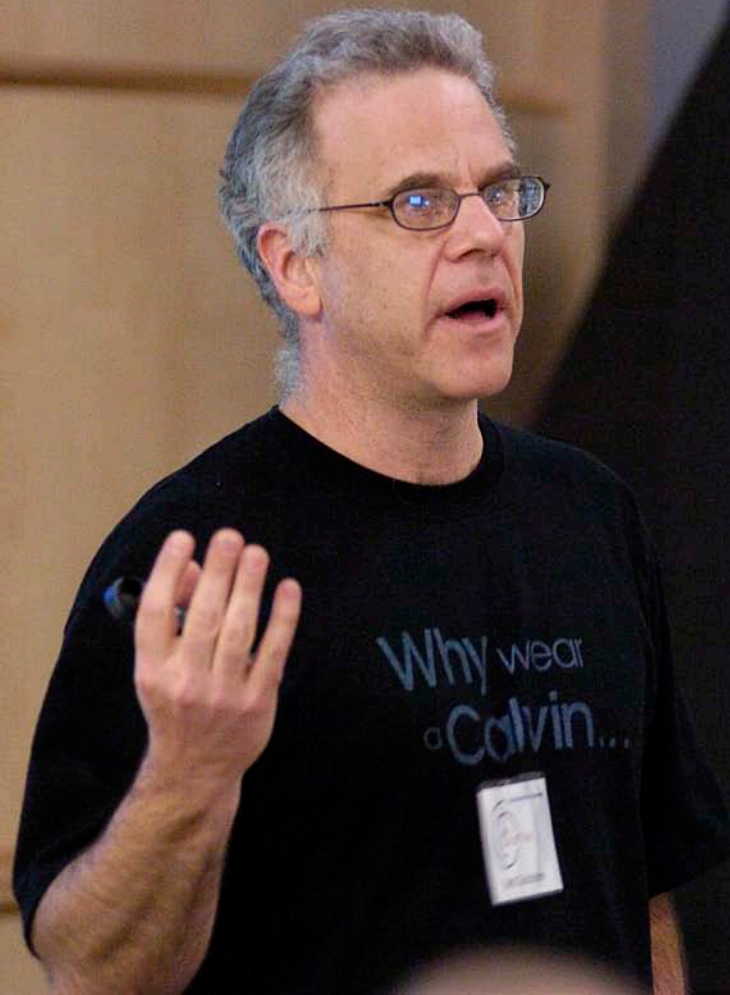
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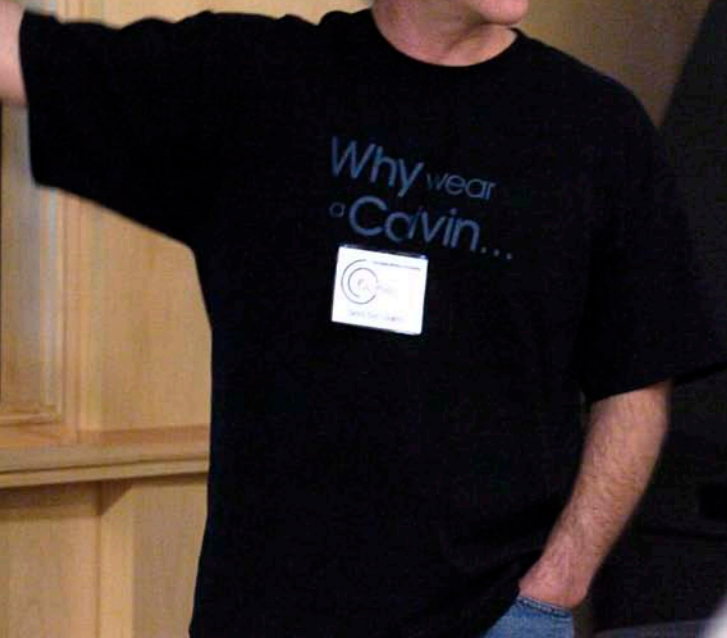






John S. ...



















# Our contributions

- Theoretical: Approximation algorithms with theoretical guarantees and scale to large datasets
- Applied: Empirical studies with real deployment





# Our contributions

Theoretical: Approximation  
theoretical guarantees

Applied: Empirical studies

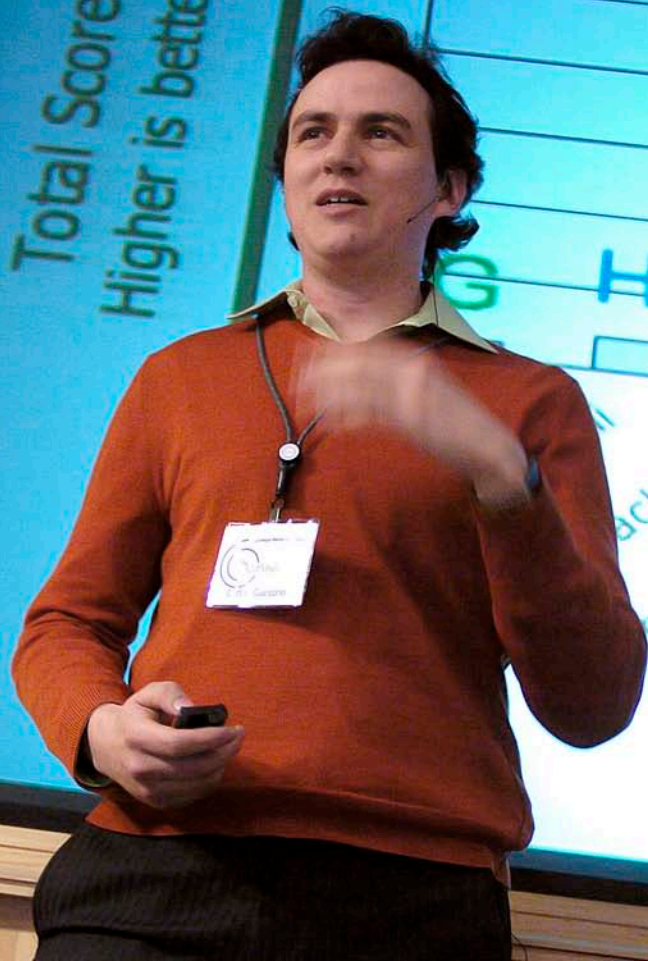
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Access control



Access control









C2020plus  
Latonya Sweeney



Latanya Sweeney



Olympic National University  
Olympic  
Latanja Sweeney



Lafanya Sweeney



Latanya Sweeney



































Carl Allred



Orange Mountain Community  
@OrangeMountain  
Carl Kurlander





















Why wear  
a Calvin...







PANTHER  
HOLLOW















When you see a vector normal.  
norman ch. eyewear



Carl Guestrin  
omius















Stephanie Dan...

Quinnipiac University  
Reed McManigle

































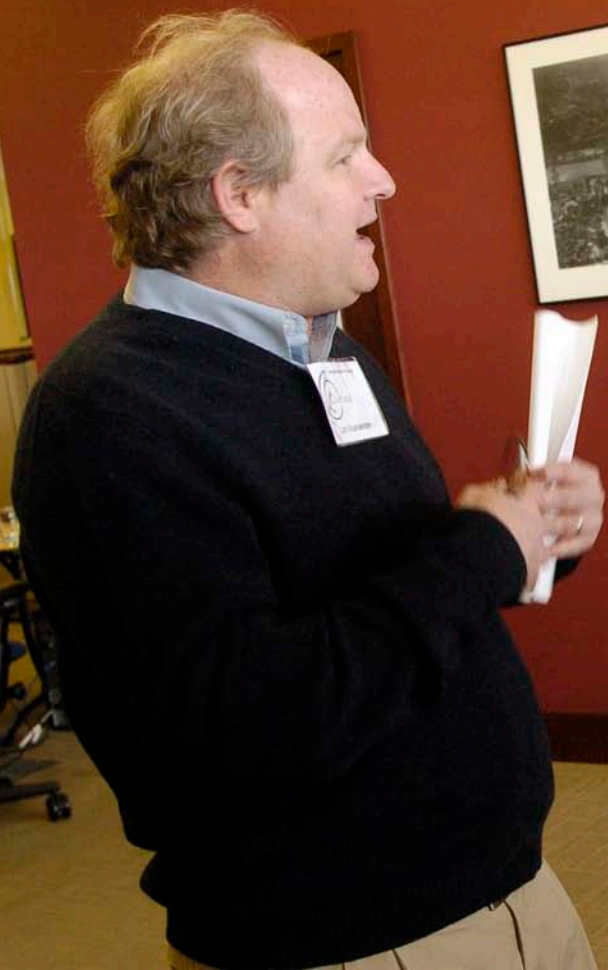












THE ROAD TO...  
SUC  
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buddy  
2005



Carl Kurlander

Kelley  
Kennedy  
2005



Carl Kuttanper

PHILIP MELLON















