

An Apps Store for SME

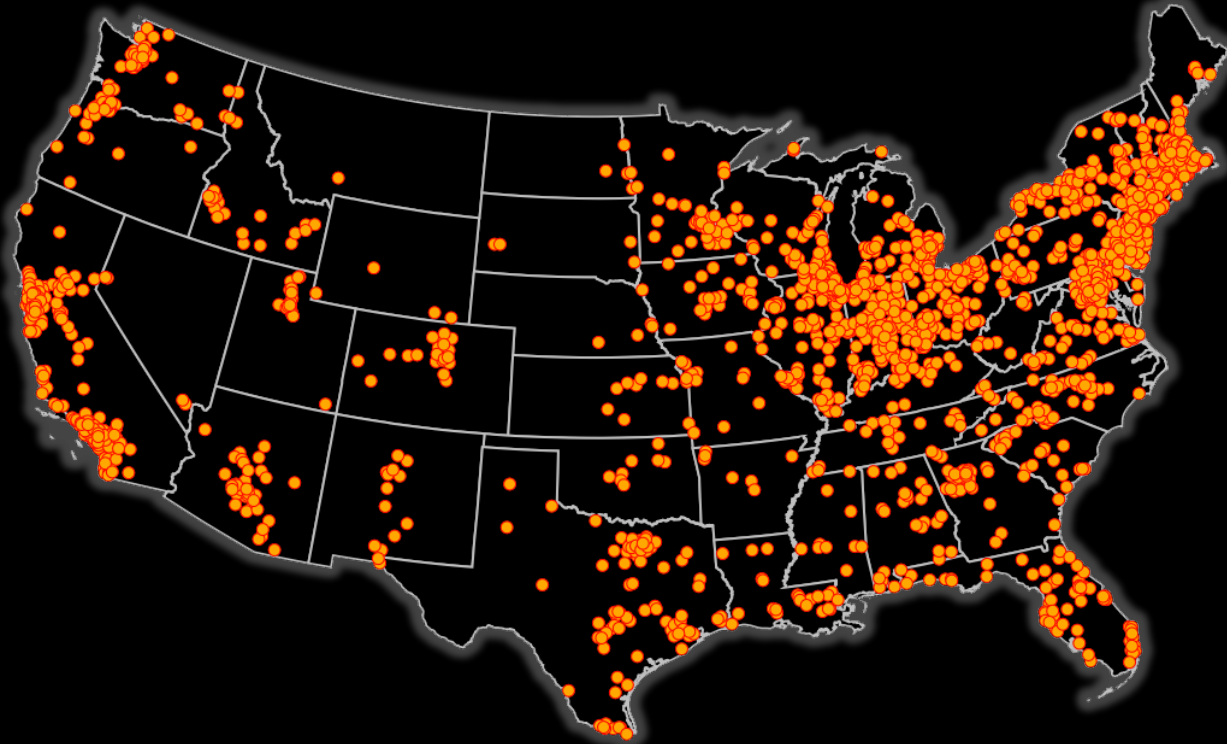
Early Success is Possible

Gerhard Klimeck

Purdue University

Prof. for Electrical and Computer Engineering

Director Network for Computational Nanotechnology



nanoHUB.org => manufacturingHUB.org

- What is nanoHUB?

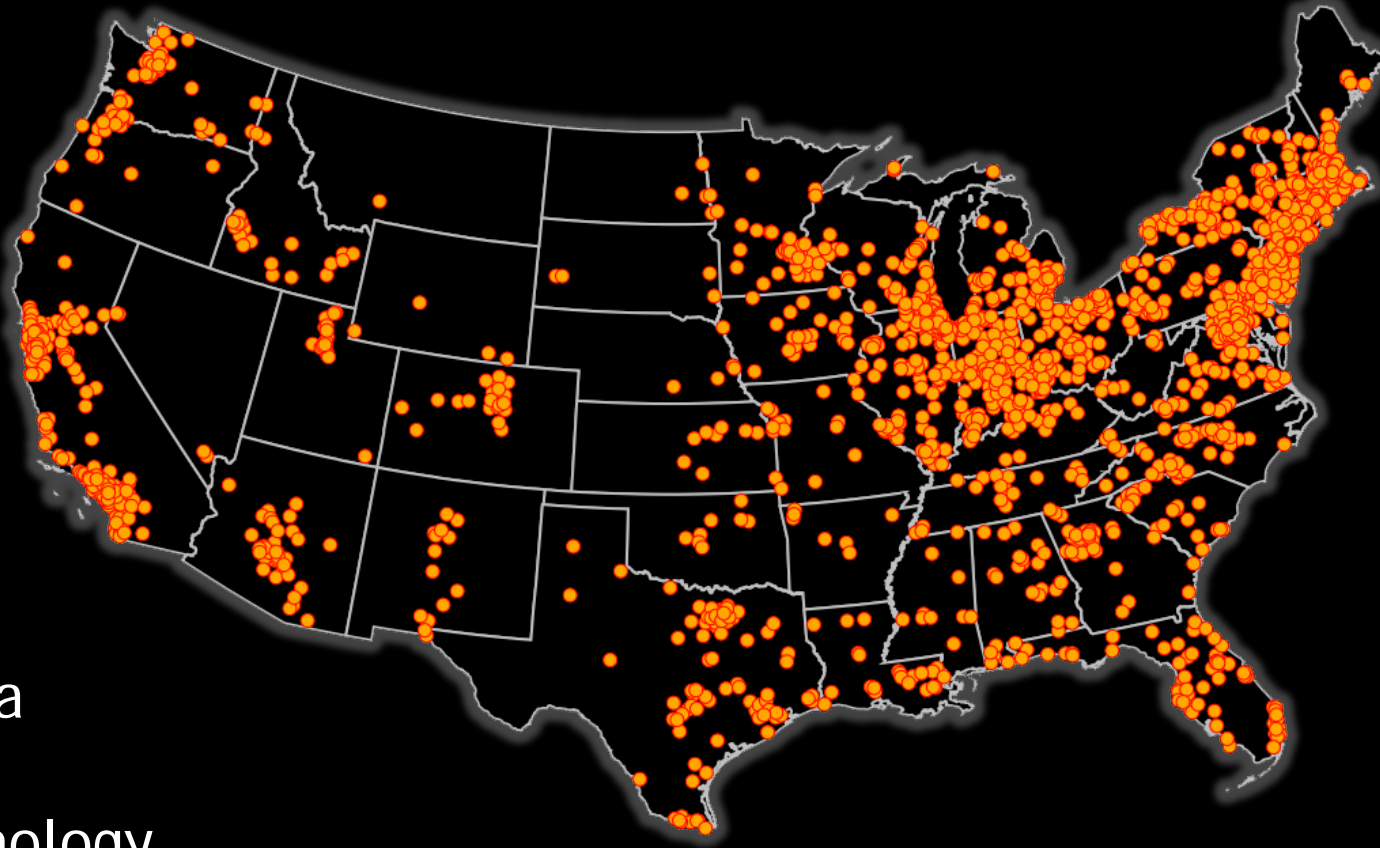
- **Workforce Development**

- Industry Impact

- Understanding Users

- Success Criteria

- HUBzero Technology



Work with Teachers

Educational workshop:

- November 5-6, 2009, Chicago Airport
- 11 faculty
- 11 institutions / 8 primarily serving minorities

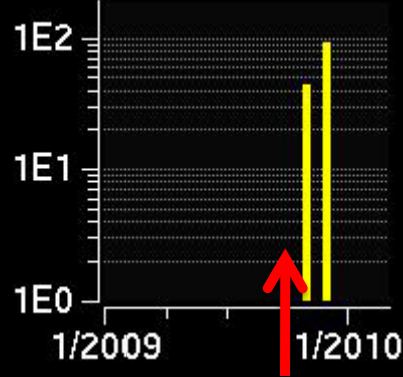


Immediate Impact

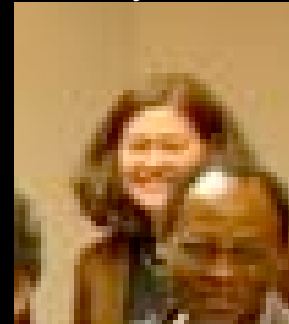
Hasina Huq
UT Pan Am.



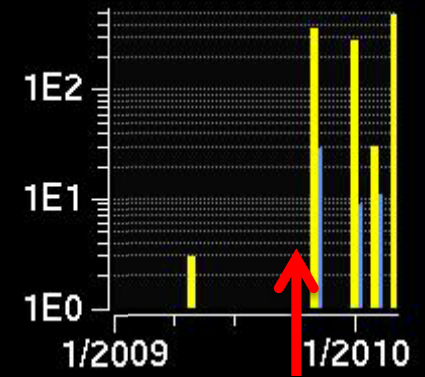
UT Pan Am.
11 Simulation users



Tanya Faltens
Cal Poly Pomona



Cal Poly Pomona
53 Simulation users



nanoHUB on iTunes U



Nov 2009 start

350 content items today

55,000 downloads

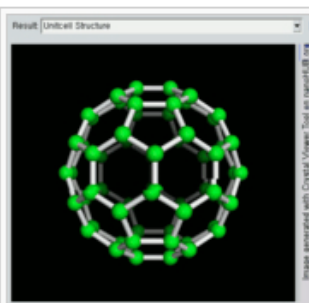
~10,000 downloads/month

Wikipedia Contributions

ਨੈਨੋਤਕਨੀਕ

Punjabi

ਨੈਨੋਤਕਨੀਕ ਜਾਂ ਨੈਨੋਪ੍ਰੋਦਯੋਗਿਕੀ, ਵਿਦਵਾਹਾਰਕ ਸੀਮਾ ਦੇ ਅੰਦਰ ਵੈੱਬ ਨੈੱਟਵਰਕ ਦੇ ਰੂਪ ਵਿੱਚ ਫੈਲੇ ਅਣੂਆਂ ਦੇ ਗੈਰ ਕੋਵਲੈਂਟ ਪ੍ਰਭਾਵ ਤੇ ਕੇਂਦਰਤ ਹੈ। ਇਨ੍ਹਾਂ ਦਿਸ਼ਾਵਾਂ ਵਿੱਚ ਖੋਜ ਦੇ ਕੀ ਨਤੀਜੇ ਹੋਣਗੇ। C₆₀, ਜਿਨੂੰ ਬਕਿਬਾਲ ਵੀ ਕਹਿੰਦੇ ਹਨ, ਜੋ ਕਾ...



ਬਕਮਿਨਿਸਟਰ ਫੁੱਲਰੀਨ C₆₀ ਦਾ ਘੁੰਮਦਾ ਦ੍ਰਿਸ਼

Dalla grafite al C₆₀

Italian

Nei polimeri, le molecole organiche classiche sono composte da azoto, cloro e zolfo). Essi sono ottenuti dalla benzina e sono una parte di queste molecole sono isolanti quando superano la lunghezza d'onda conduttiva, in particolare la grafite (recuperata dal carbone) è un semi-metallo, una categoria compresa fra metalli e semiconduttori. Fra ogni foglio, le interazioni sono abbastanza deboli.

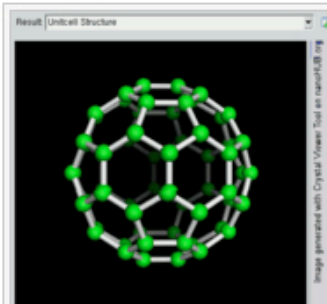


Veduta ruotante di cristallo C₆₀ di Fullerene Buckminster.


Fullerene

German

Als Fullerene (Einzahl: Fulleren) werden sphärische Moleküle aus Kohlenstoffatomen (mit hoher Symmetrie, z. B. I_h-Symmetrie für C₆₀) bezeichnet, welche weitere Modifikationen des chemischen Elements Kohlenstoff (neben Diamant und Graphit) darstellen.



rotierende Struktur von C₆₀



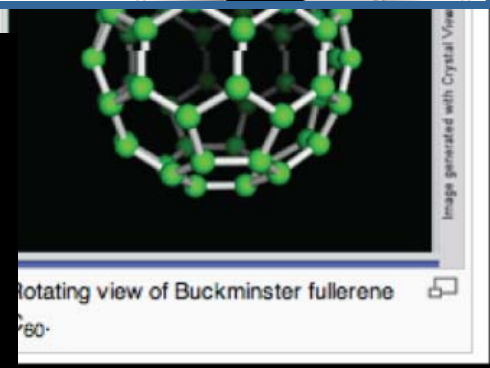
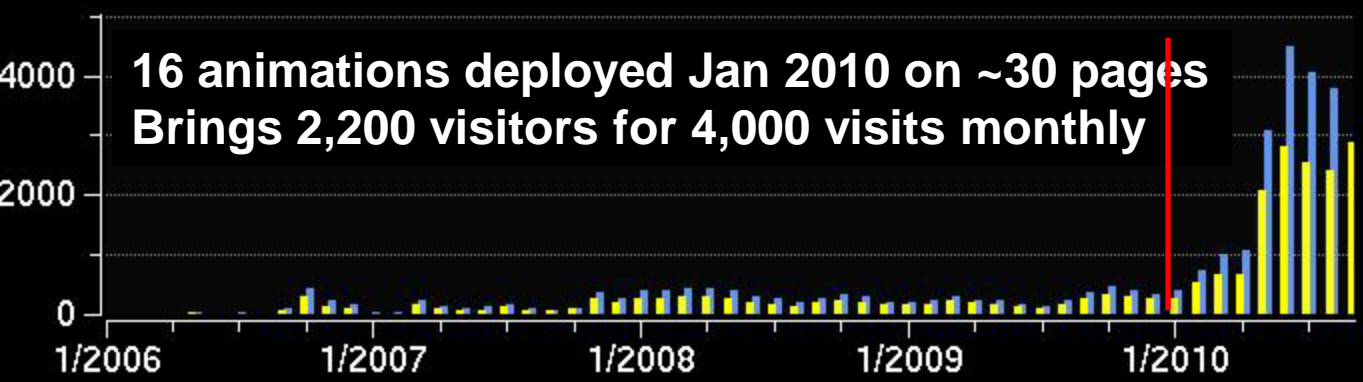
rotating view of Buckminster fullerene C₆₀

Inhaltsverzeichnis [Verbergen]

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Geschichte [Bearbeiten]

Nanotubi di carbonio



Driving Economic and Workforce Development with nanoHUB.org

Bruce Barker, J.D.

President

Chippewa Valley Technical College

NSF Site Visit
April 2010

nanoHUB Impact

- **nanoHUB lowers the cost of education**
 - It allows access to resources that can't be easily duplicated
- **nanoHUB enables a well-developed workforce to generate economic opportunity**
- **nanoHUB connects non-traditional students to a wider academic world** by engaging national expertise at the local level



NSF Site Visit
April 2010

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