

# History of Technology Transfer Institute



1975



1976



# So Stella and I Formed ...



1976

# KLEINROCK

ON

## COMPUTER NETWORKS

### Three 3-Day Seminars

- Dallas, Texas  
July 19-21, 1976
- Washington, D.C.  
Aug. 9-11, 1976
- Los Angeles, Calif.  
Aug. 30-Sept. 1, 1976



Taught by

Professor

Kleinrock

from his

latest Text!

Presented by



# TTI Grows

- **Summer 1976**
  - 1 Seminar (repeated 3 times)
- **Winter 1977**
  - Len Kleinrock
  - Bob Lucky/Paul Green
  - Howard Frank
  - Norm Abramson
  - Peter Denning
  - Larry Roberts.
- **Fall 1977**
  - 12 Seminars
- **1978, 1979**
  - 12 seminars, 2 times/year.

# TTI Grows

- **Fall 1979**
  - **Took on the James Martin World Seminar in N. America**
    - **8 James Martin seminars/year 150-200 people/seminar**
- **1980's**
  - **Over a hundred seminars**
- **1983**
  - **TTI's rapid growth won it a position on the Inc 500 list of fastest growing privately held companies in the USA (over ALL business sectors)**

# A Small Sample of TTI Speakers

- Robert Lucky
- Alan Kay
- Larry Roberts
- Danny Hillis
- Mark Weiser
- Tom DeMarco
- Ed Kozel
- Len Kleinrock
- James Martin
- Ted Codd
- John McQuillan
- Howard Frank
- Marvin Minsky
- Vint Cerf
- Bran Ferren
- Jon Turner
- Ralph Ungermann
- Chuck Seitz
- Scott Adams
- Ed Feigenbaum

# A Small Sample of TTI Speakers

(cont)

- Bob Kahn
- Dave Farber
- Peter Denning
- Eric Benhamou
- Scott McNealy
- John Hart
- David Nagel
- Andy Ludwick
- Eric Cooper
- Tom Lyon
- Andy Bechtolsheim
- Dave Dorman
- Bob Metcalfe
- Ellen Hancock
- Phillippe Kahn
- Ed Yourdan
- Paul Strassman
- John Morgridge
- Alan Konheim
- Bill (BJ) Johnson



# Meanwhile Vanguard Forms

- **Fall 1991**
  - **Richard Schroth and Chunka Mui form Vanguard at Computer Sciences Corp**
- **Early Board Members were amazing:**



**John Perry Barlow**



**Gordon Bell**



**Peter Cochrane**



**Alan Kay**



**Doug Lenat**



**Bob Lucky**



**Nicholas Negroponte**



**David Reed**



**Larry Smarr**

# TTI Meets Vanguard

- **July, 1997**
  - TTI and Vanguard initiate merger talks.
  - TTI at that time:
    - Conferences:
      - 8-10 per year in US & Europe
        - Typically 200-300 attendees
        - Largest is ATM Year 97, 6000 people
    - Seminars:
      - 50-60 Public seminars per year
      - 30-40 Private seminars per year
  - Vanguard at that time:
    - 5 conferences/year worldwide

**TTI/Vanguard merges in 1998**

# TTI/Vanguard Flourishes

The first Roomba advert



[www.eurobotiks.com](http://www.eurobotiks.com)

# TTI/Vanguard Flourishes

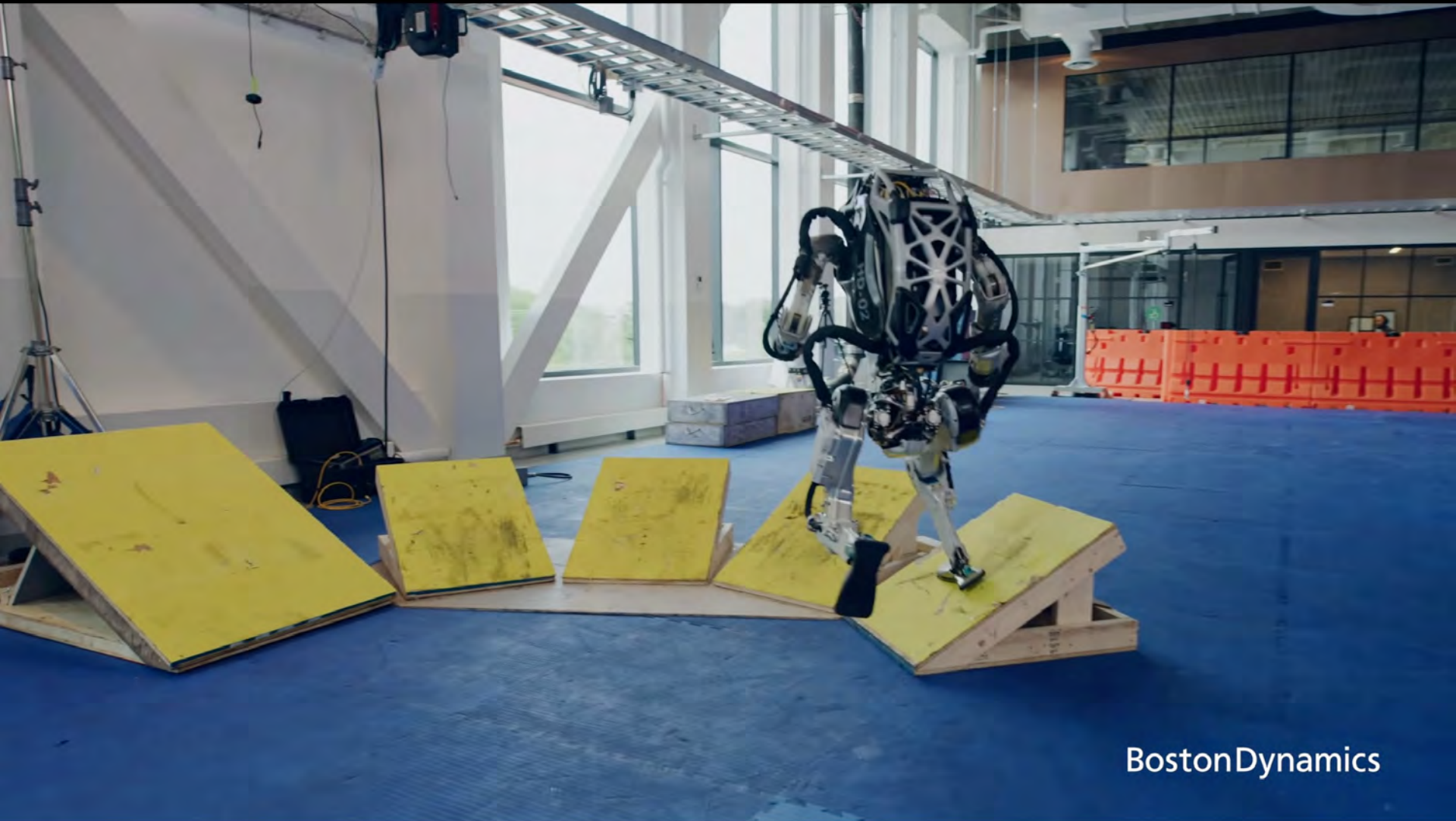
A Swarm of Nano Quadrotors



0:33 / 1:42

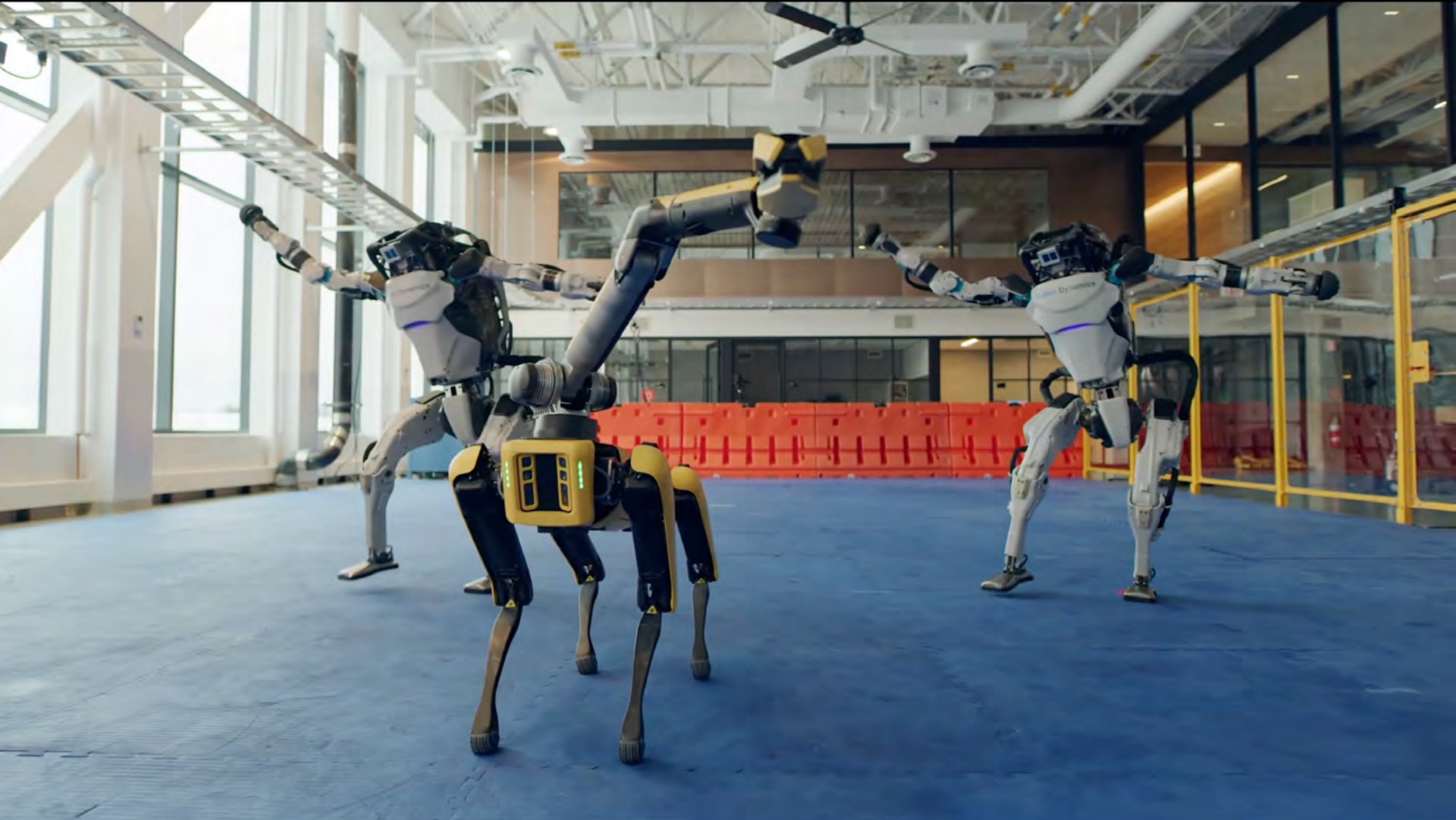


# TTI/Vanguard Flourishes



BostonDynamics

# TTI/Vanguard Flourishes



# TTI/Vanguard Flourishes

Paris

Rome

Beijing

Berlin

Amsterdam

Tokyo

Vienna

Madrid

Barcelona





# A Small Sample of TTI/Vanguard Speakers

- Robert Lucky
- Alan Kay
- Danny Hillis
- Len Kleinrock
- Dan Bricklin
- Fred Brooks
- Rodney Brooks
- Vint Cerf
- Dave Clark
- Marvin Minsky
- Bran Ferren
- Jon Turner
- Ed Feigenbaum
- Whitfield Diffie
- Doug Engelbart
- Craig Field
- Helen Greiner
- Pablos Holman

# A Small Sample of TTI/Vanguard Speakers (cont)

- Eric Horvitz
- Jeff Jonas
- Dean Kamen
- Ray Kurzweil
- Michael Hayden
- Bruce Schneier
- Roger McNamee
- Mary Lou Jepsen
- Mike Stonebraker
- Ben Horowitz
- Geoffrey West
- Ray Ozzie
- Patty McCord
- Vitalik Buterin
- Carver Mead
- Gordon Bell
- Nicholas Negroponte
- Len Kleinrock

# TTI/Vanguard Marches On

- **2013: Euromoney Institutional Investors Purchases TTI/Vanguard**
- **2024: Now we are passing the mantle to Johna Johnson of Nemertes to carry this journey of unique technology exploration forward.**

**See you in September!**

**Thank You**