

Visits to Illinois Institute of Technology, Chicago

Rae Earnshaw

Overview

- Visiting Assistant Professor, then Visiting Associate Professor, Dept of Computer Science, Illinois Institute of Technology, Chicago
- Host: Prof Robert G. Tobey, Chairman of Dept
- <https://www.linkedin.com/pub/robert-%22haas%22-tobey-phd/11/a98/a10>
- <http://www.break-throughs.com/about.php>
- Delivered modules in computer graphics, programming languages, operating systems

Background of Prof Earnshaw

- University of Leeds – Russell Group
- Illinois Institute of Technology – private University, Chicago. IITRI
- Northwestern Polytechnical University, Xian, China
- George Washington University – private University – downtown DC – close by White House and NSF – Foggy Bottom – Dept of Electrical Eng and Computer Science
- 4 books with Professor Rogers at US Naval Academy, Annapolis, USA
- University of Bradford, Professor of Electronic Imaging
- <http://www.bradford.ac.uk/ei/electrical-engineering-and-computer-science/staff-profiles/profile/?u=raearnsh>
- Glyndwr University, Professor of Creative Industries

Location of Chicago



Map of Chicago



Illinois Institute of Technology

- Private University
- Situated approx half-way between downtown and the University of Chicago – on the south side of Chicago
- President of IIT at the time of my visits – President T. L. Martin
- <http://web.iit.edu/about/history/past-presidents#Martin>
- http://en.wikipedia.org/wiki/Thomas_Lyle_Martin,_Jr



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Illinois Institute of Technology

From Wikipedia, the free encyclopedia

Coordinates: 41°50′4.75″N 87°37′42″W

Illinois Institute of Technology, commonly called **Illinois Tech** or **IIT**, is a private Ph.D.-granting research university located in Chicago, in the U.S. state of Illinois, with programs in engineering, science, psychology, architecture, business, communications, industrial technology, information technology, design and law.

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Illinois Institute of Technology



Motto	<i>Transforming Lives. Inventing the Future.</i>
Established	1890
Type	Private, Space-grant
Endowment	\$194.2 million ^[1]
President	John L. Anderson ^[2]
Provost	Alan W. Cramb ^[3]
Academic staff	659 ^[4]
Students	7,787 ^[5]
Undergraduates	2,801 ^[5]
Postgraduates	3,271 ^[5]
Doctoral students	1,528 ^[5]
Location	Chicago, Illinois, USA
Campus	Urban, 120 acres



IIT

<http://web.iit.edu/>

- Architect – Mies van der Rohe
- http://en.wikipedia.org/wiki/Ludwig_Mies_van_der_Rohe





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Ludwig Mies van der Rohe

From Wikipedia, the free encyclopedia



This article **needs additional citations for verification**. Please help [improve this article](#) by [adding citations to reliable sources](#). Unsourced material may be challenged and removed. *(March 2012)*

Ludwig Mies van der Rohe (born **Maria Ludwig Michael Mies**; March 27, 1886 – August 17, 1969) was a German-American [architect](#).^[1] He is commonly referred to and was addressed as **Mies**, his surname. Along with [Le Corbusier](#) and [Frank Lloyd Wright](#), he is widely regarded as one of the pioneering masters of [modern architecture](#).

Mies, like many of his post-[World War I](#) contemporaries, sought to establish a new architectural style that could represent modern times just as [Classical](#) and [Gothic](#) did for their own eras. He created an influential twentieth-century architectural style, stated with extreme clarity and simplicity. His mature buildings made use of modern materials such as industrial steel and [plate glass](#) to define interior spaces. He strove toward an architecture with a minimal framework of structural order balanced against the implied freedom of free-flowing open space. He called his buildings "skin and bones" architecture. He sought a rational approach that would guide the creative process of architectural design, but he was always concerned with expressing the spirit of the modern era. He is often associated with his quotation of the aphorisms, "less is more" and "God is in the details".

Contents [\[hide\]](#)1 [Early career](#)

Ludwig Mies van der Rohe



Born	Maria Ludwig Michael Mies March 27, 1886 Aachen, Kingdom of Prussia, German Empire
Died	August 17, 1969 (aged 83) Chicago, Illinois, U.S.
Nationality	German (1886–1944), American

Apartments



Dept of Computer Science

10 West 31st Street, Chicago, IL 60616

<http://web.iit.edu/about/main-campus-map>



Campus Map

- http://web.iit.edu/sites/web/files/departments/about-iit/pdfs/main_campus_bw.pdf

Illinois Institute of Technology

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2014 Darsh T. Wasan Lecture

In honor of Dr. Wasan's 50 years at IIT, the 2014 Darsh T. Wasan Lecture, featuring Dr. Robert S. Langer speaking on Biomaterials and Biotechnology, will be held on Tuesday, October 7 in Hermann Hall.



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Tuesday, October 7

2014 Darsh Wasan Lecture Scheduled

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SCIENCE

COMPUTER SCIENCE

Why Choose Computer Science?



At IIT, we teach you the foundations of computer science, so you will be able to quickly adapt to new technologies. For example, the programming languages of today may well be out of vogue in a few years, but understanding programming paradigms and when each is most applicable will enable you to keep up with the fast pace of change.

Beyond the fundamentals, IIT offers focused study in many areas of computer science, with courses on topics that include data mining, information security, artificial intelligence, and distributed computing. For [bachelor's students](#), we also offer formal specializations in information security and in information and knowledge management systems. (In fact, the National Security Agency has designated IIT as a Center of Excellence in information assurance.) We also offer a [master of science](#), a [professional master's](#) with 11 specializations, an interdisciplinary [master of data science](#), and a [Ph.D.](#) If you have a bachelor's degree and just want to extend your knowledge, we also offer [non-degree graduate study](#) and [graduate certificates](#), both of which can be applied to a master's degree later on, if you wish.

Pictured below circa 1979 - left to right: Prof Peter Greene, Prof Anthony Wojcik, Prof James Vandendorpe, Prof Edmond Schonberg, Prof Martha Evens, Prof Sharad Wagle, and Prof Charles Bauer.



Computer Science 40th Anniversary



- <http://science.iit.edu/computer-science/about/computer-science-celebrates-40-years-department-52-years-excellence>
- <http://science.iit.edu/computer-science/cs-2050-invitation>
- <http://science.iit.edu/content/slide-show/cs-2050-celebration-photos>
- <http://science.iit.edu/computer-science/cs-2050-cs-departments-40th-anniversary-celebration>



CS 2013 Anniversary

- Continuing a tradition started by the success of the computer science department's 40th anniversary celebration two years ago, the 2013 annual reunion was held on October 2. It included a celebration of Charlie Bauer's 50 years with the department (photo right).
- More information: [Photos](#) | [Agenda](#).



Environs – Lake Shore Drive





Lake Shore Drive



North Lake Shore Drive



Sears/Willis Tower (108 stories, 1,500 ft)

http://en.wikipedia.org/wiki/Willis_Tower





Environs – Chicago Skyline



Winter in Chicago



Lunch – the Berghoff!

17 West Adams St



References

- Dept of Computer Science - 40 Years
- <http://science.iit.edu/computer-science/about/computer-science-celebrates-40-years-department-52-years-excellence>
- Prof Robert B. K. Dewar, formerly of IIT, then NYU, and President and CEO of AdaCore
- http://en.wikipedia.org/wiki/Robert_Dewar
- *“Mies van der Rohe: Crown Hall - College of Architecture, Illinois Institute of Technology”*, W. Blaser, 2001
- *“Illinois Institute of Technology: An Architectural Tour”*, Franz Schulze , 2005