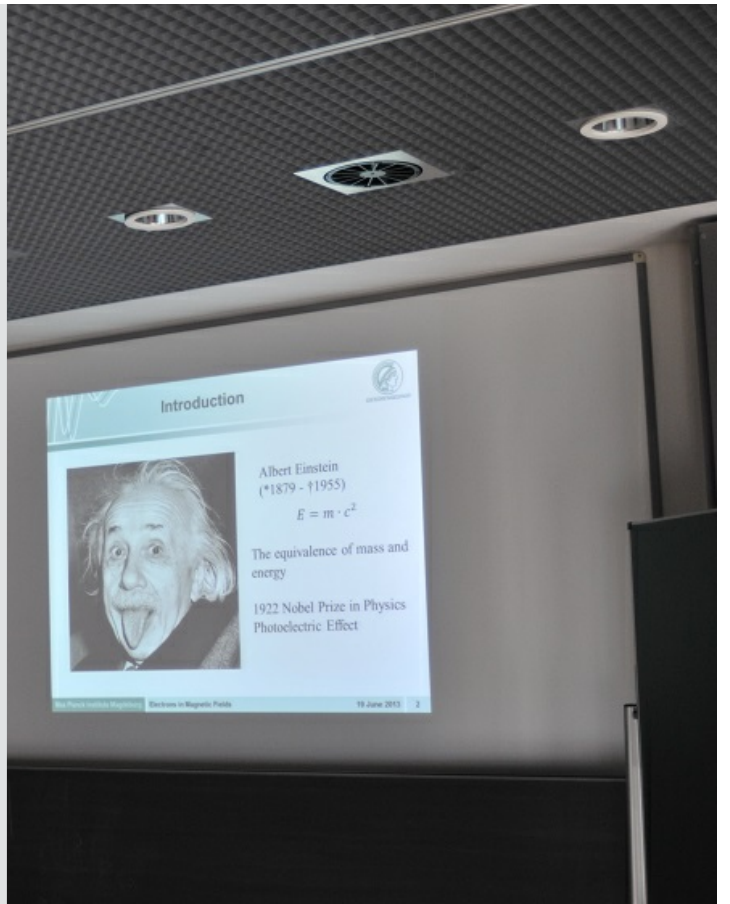


## STUDENT CHAPTER OF SIAM MAGDEBURG

r of SIAM Magdeburg was organized by the Max Planck Institute. The  
y invited guests and local participants. The day ended with a joint

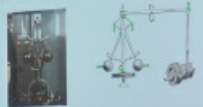






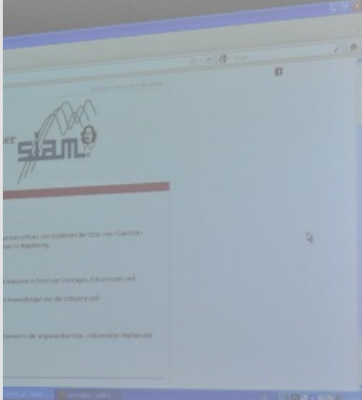
Classical control technique

James Watt's centrifugal governor for steam engines  
The element uses centrifugal force to control revolution speed  
An example of an extremely successful control concept  
~ 75000 copies in England alone



Engineers started to look systematically into theory of control

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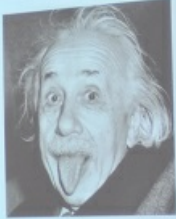


The screenshot shows the homepage of the Society for Industrial and Applied Mathematics (SIAM). The logo features a stylized figure with arms raised, next to the acronym 'SIAM'. Below the logo, there is a navigation menu with options like 'Home', 'About SIAM', 'Membership', 'Publications', 'Education', and 'Contact Us'. The main content area contains introductory text about the society's mission to advance the mathematical and computational sciences.





Introduction



Albert Einstein  
(\*1879 - †1955)  
 $E = m \cdot c^2$   
The equivalence of mass and energy  
1922 Nobel Prize in Physics  
Photoelectric Effect

But Physics needs Mathematics Electrons in Magnetic Fields 18 June 2013 3

Motivation

But without pain, PLEASE!!!



Abbildung: AAAARRRRRRGGGGGHHHH!!!!

Simon Entnick Math in CT



Prigogine V0.05.2+3

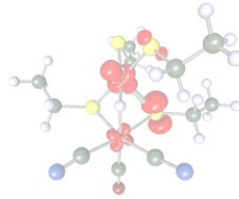
ences.



# Workshop

al Biophysics at HU Berlin

s and



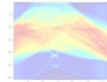
relativistic effects for electrons

ems



time dependent processes

generation of system matrices from  
time flow functions



9 – 13:00

Dirigogine V0.05.2+3  
Leibniz Universität Hannover

ovgu.de



cross Scales

ions in magnetic fields



computer tomography using discrete

News ▶

15.02.2024

**Seminar Prof. Dr.-Ing. Daniel Juhre**

06.11.2023

**Nerd Nite 2023**

22.09.2023

**Naturkundemuseum**

> more...

Nerd Nite Magdeburg ▶

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OTTO VON GUERICKE  
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