Visualisation in medicine: why doctors need mathematics to see something

Mittwoch, den 1. Feb. 2012 • 17:00 Uhr
Mathematik Ost (Emil-Fischer-Straße 40), Seminarraum SE40 (Raum 00.001)

Inhaltsangabe.
Pictorial diagnostics are an essential ingredient in modern medicine. Examples are computer tomography or positron emission tomography. Progress in this field is an interdisciplinary subject where mathematics plays an essential role. This lecture gives an introduction into the mathematics of image reconstruction, beginning with the Radon transform right up to today’s frontier of research.

For further details see here:
http://imaging.uni-muenster.de
http://www.herzforscher.de
http://www.cells-in-motion.de