

The (Pre-)History of Medical Physics

(we're older than you believe)

Warning: This presentation contains multiple images of dead physicists.
Viewer discretion is advised.

Often things go back earlier than we think!

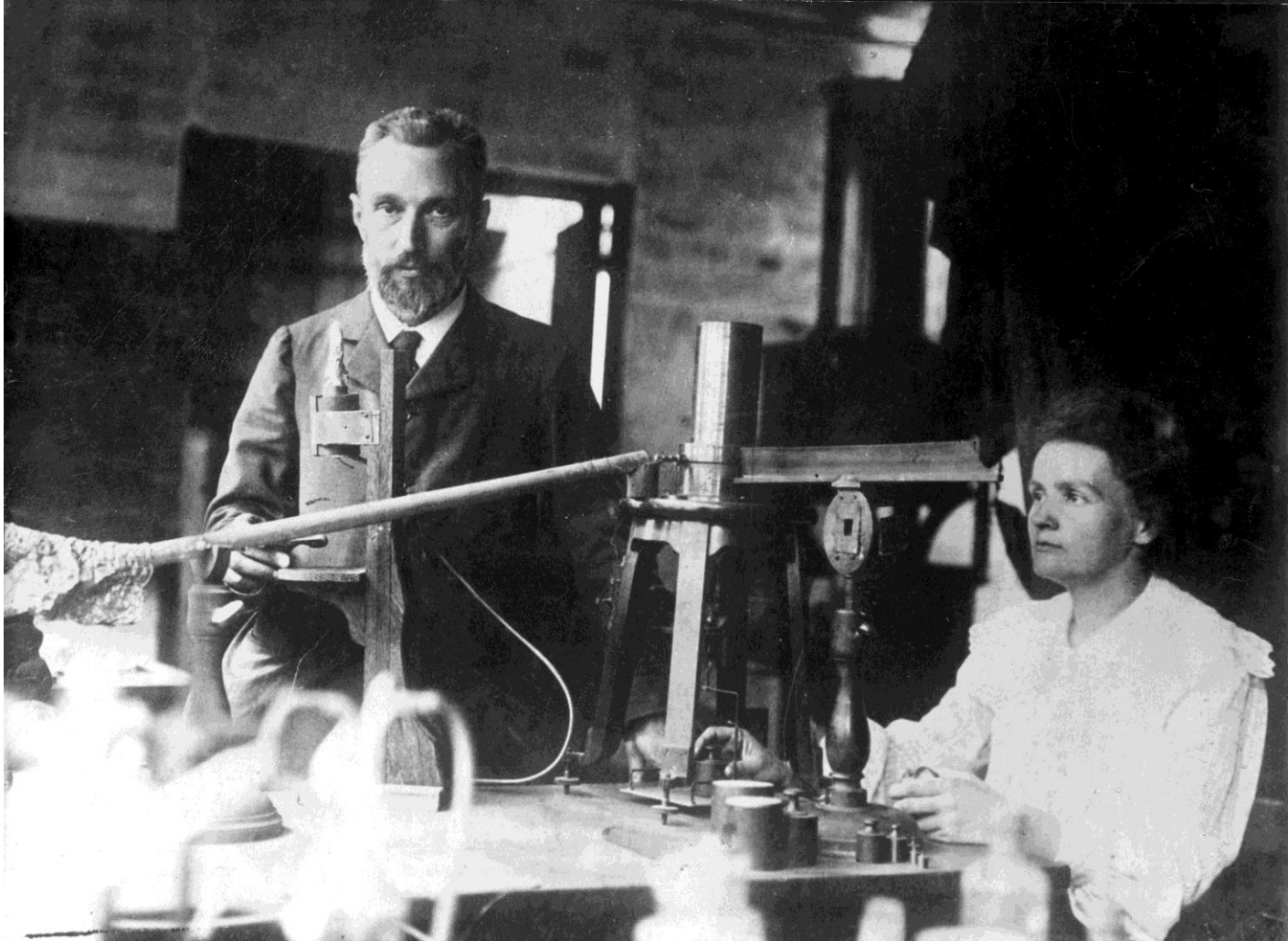


← Recently found in the pocket of a geek in Switzerland

Recently found in a cave in Switzerland →

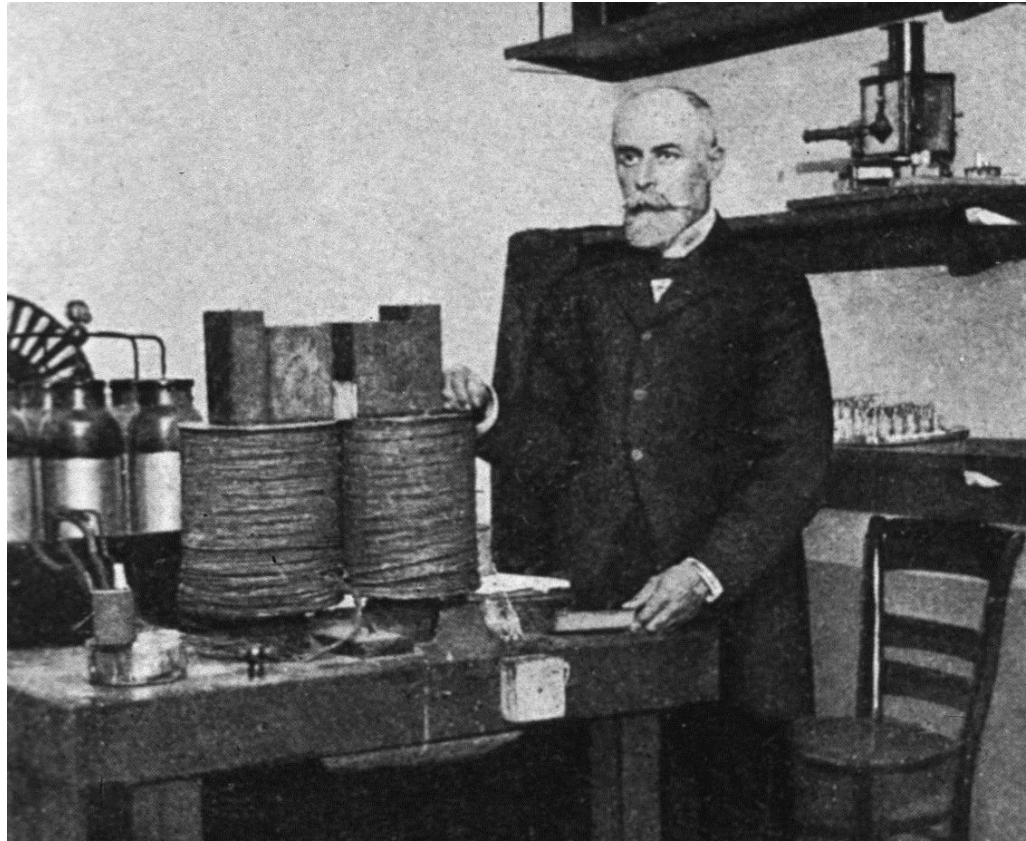


Where these the first medical physicists?



Pierre and Marie Curie in their lab

Or this guy?



Henri Becquerel (Curies' mentor)

Or perhaps Roentgen (1895)?



Or the real discoverer of x-rays (1857)?



Claude Felix Abel Niepce de Saint-Victor

Where it all began - Padua

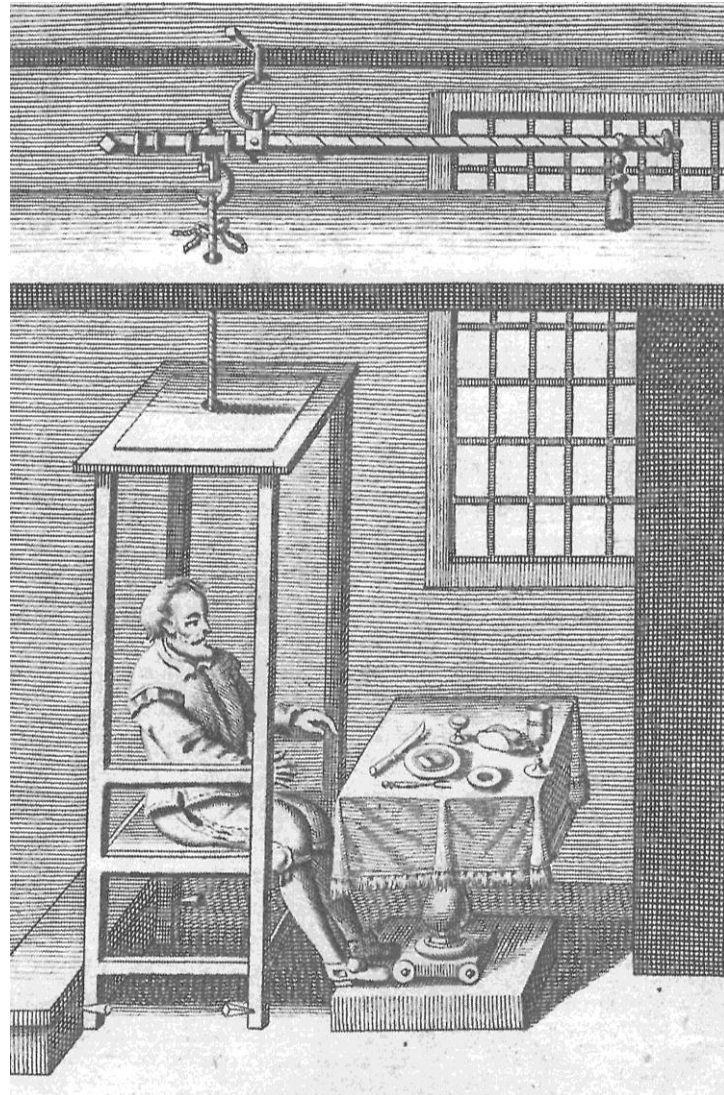


The first medical physicist?

Sanctorius

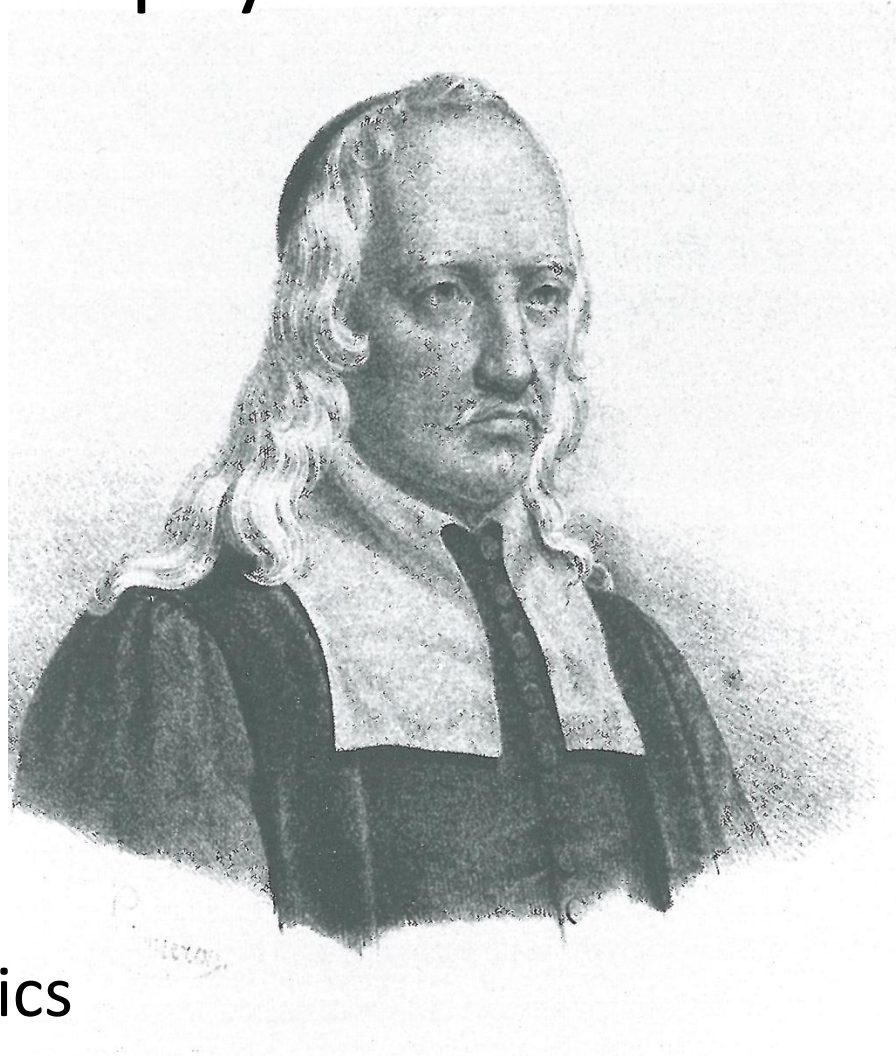
(1561 – 1636)

(actually, he was a medic)



The first real medical physicist?

Giovanni Borelli
(1608 – 1679)



Professor of Mathematics

Pisa

Borelli considered

- Iatrophysics
- Muscle contraction
- “nervous juice” (nerve conduction)
- Cardiovascular haemodynamics
- Body heat
- Respiration
- Kidney and liver function

... and the rest is medical physics history.