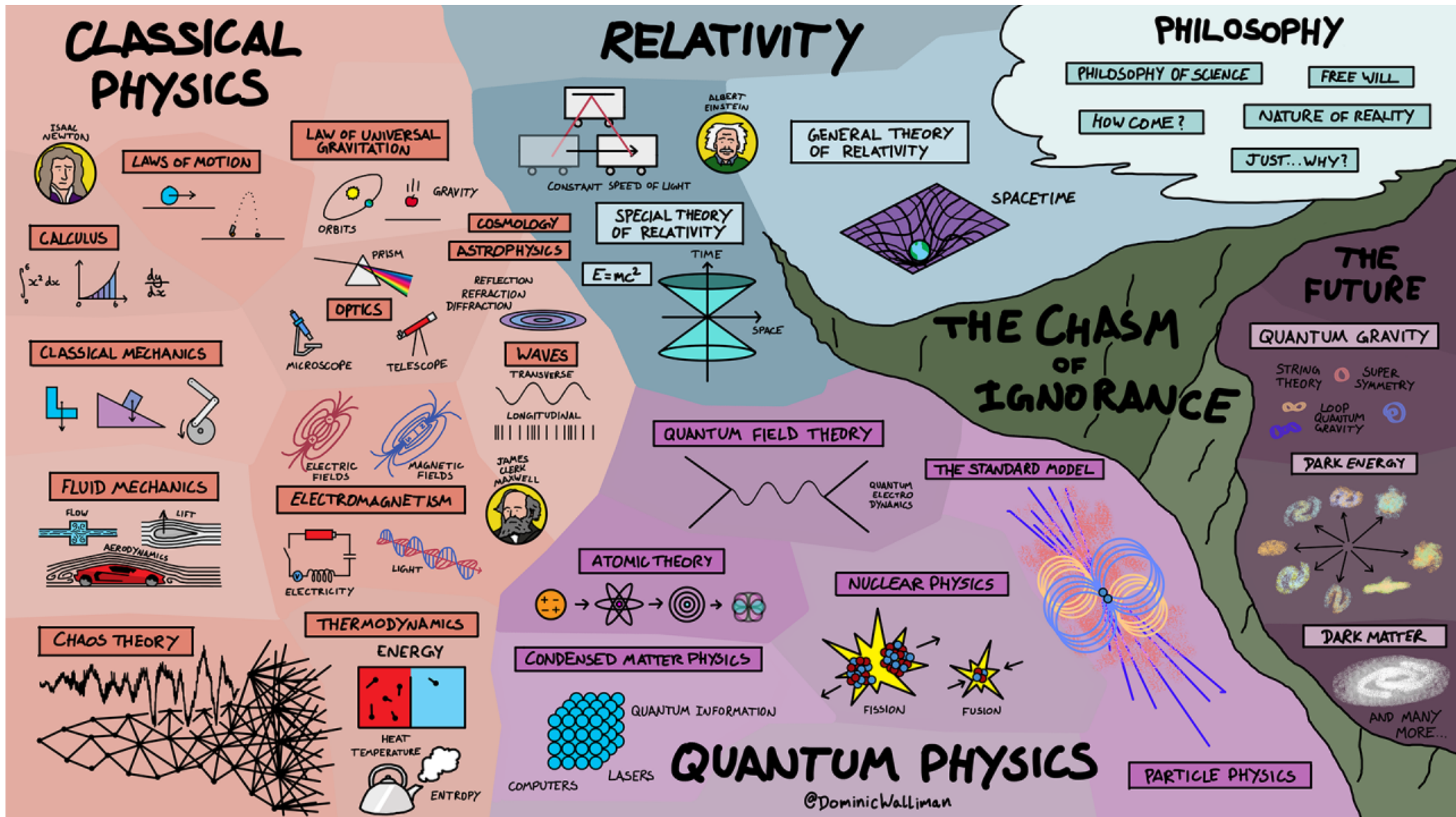
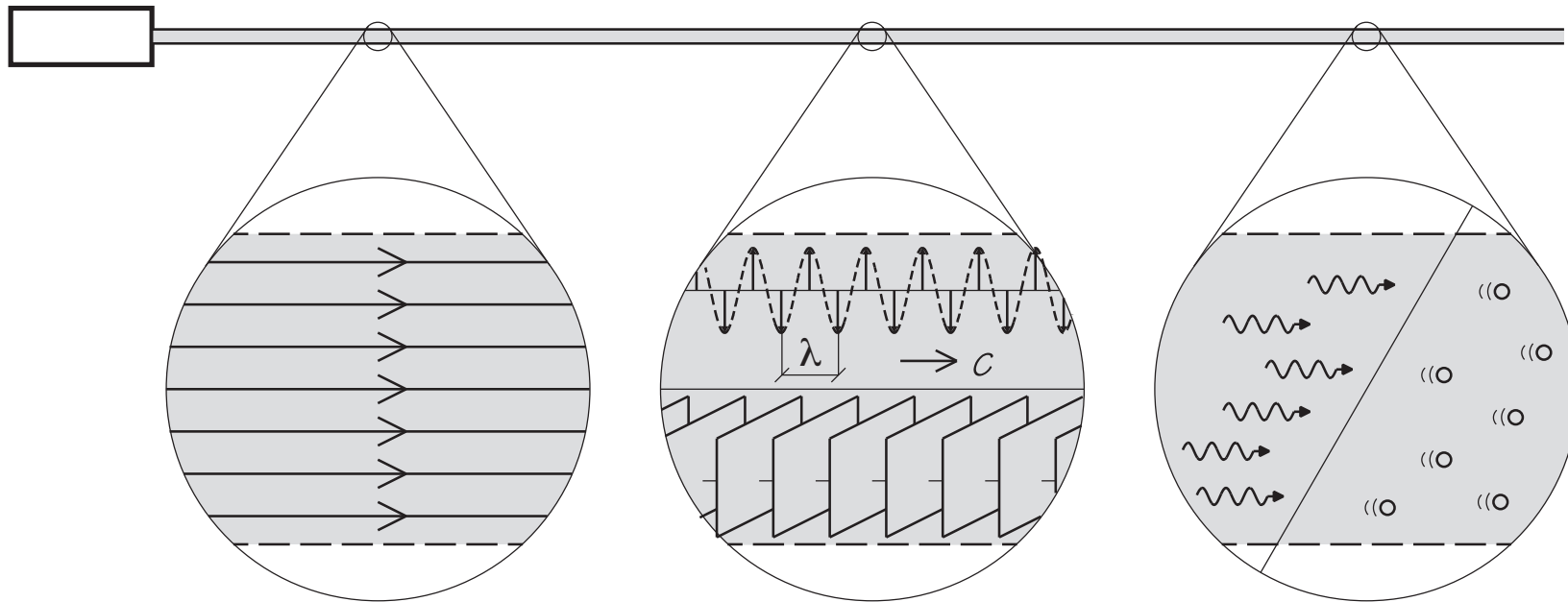


Läget idag



Laser

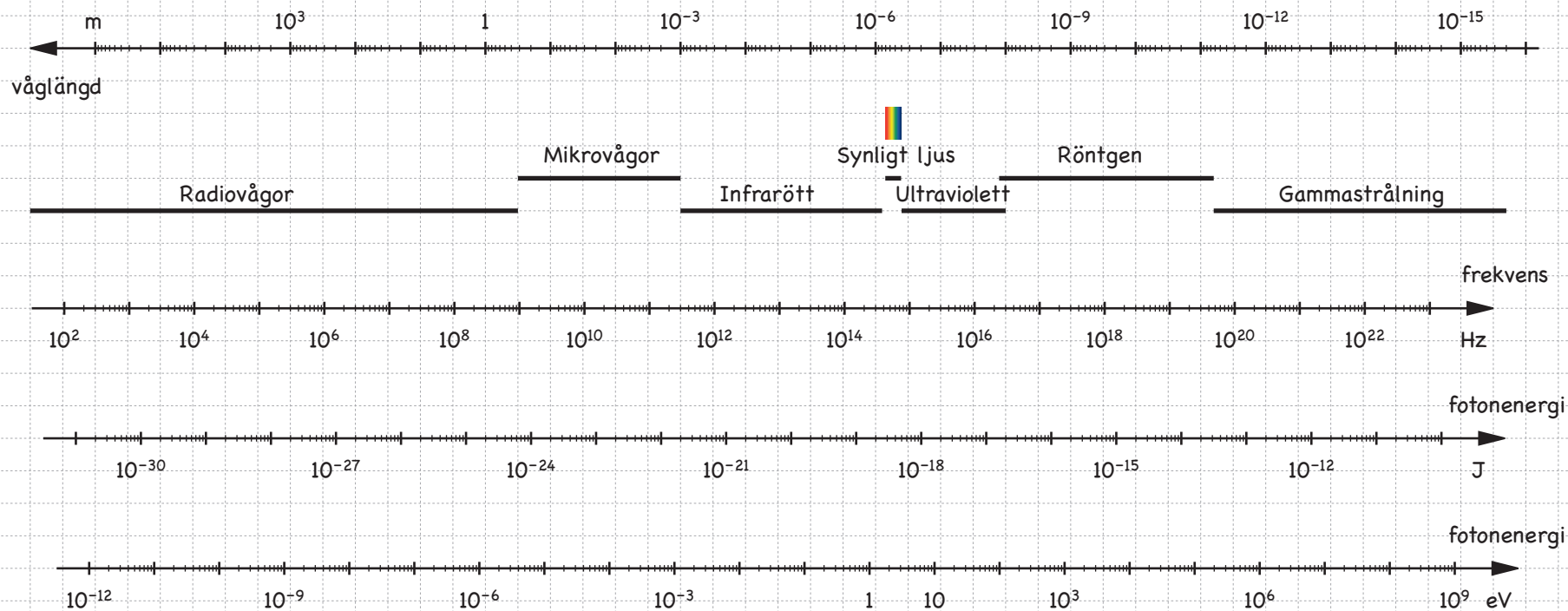


Strålmödel:
Strålar av energi

Vågmodell:
EM-vågor med
frekvens f

Tidig fotonmodell:
Fotoner med
energi hf

Elektromagnetiska spektrumet



OBS! LOGARITMISKA SKALOR!



DE

Ankunft 07: 42

Ab 07: 44

ICE 5 2 7

Frankfurt·Würzburg

Nürnberg

München

A | B | C | D | E | F | G

1 2 2 1 2 2

DE

Ankunft 07: 42

Ab 07: 44

ICE

5 2 7

Frankfurt·Würzburg

Nürnberg

München

A | B | C | D | E | F | G

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Röntgenstrahlung



Röntgenstrahlung

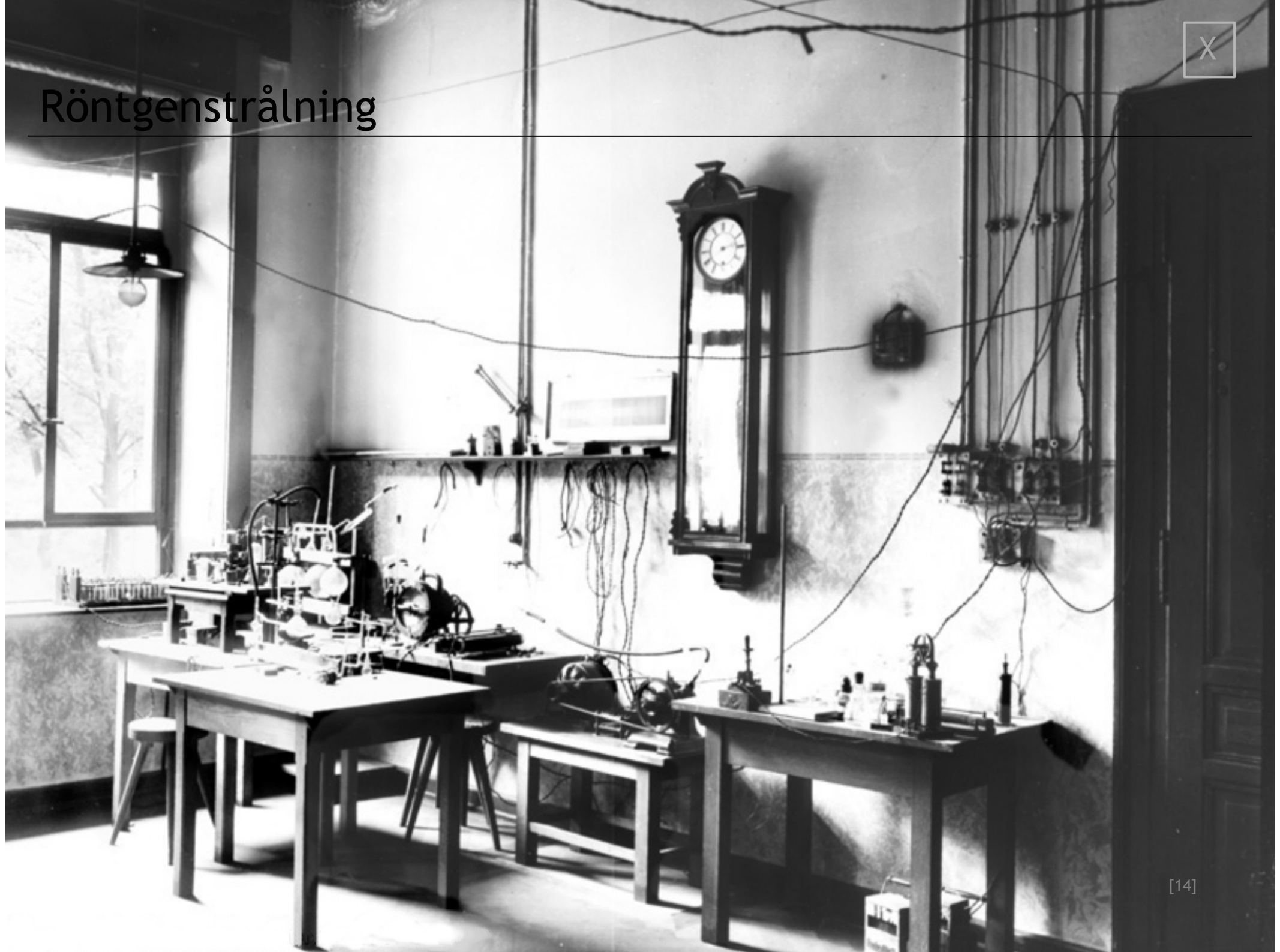


IN DIESEM HAUSE
ENTDECKTE
W.C. RÖNTGEN
IM JAHRE 1895
DIE NACH IHM
BENANNTEN
STRAHLEN

Röntgenstrålning



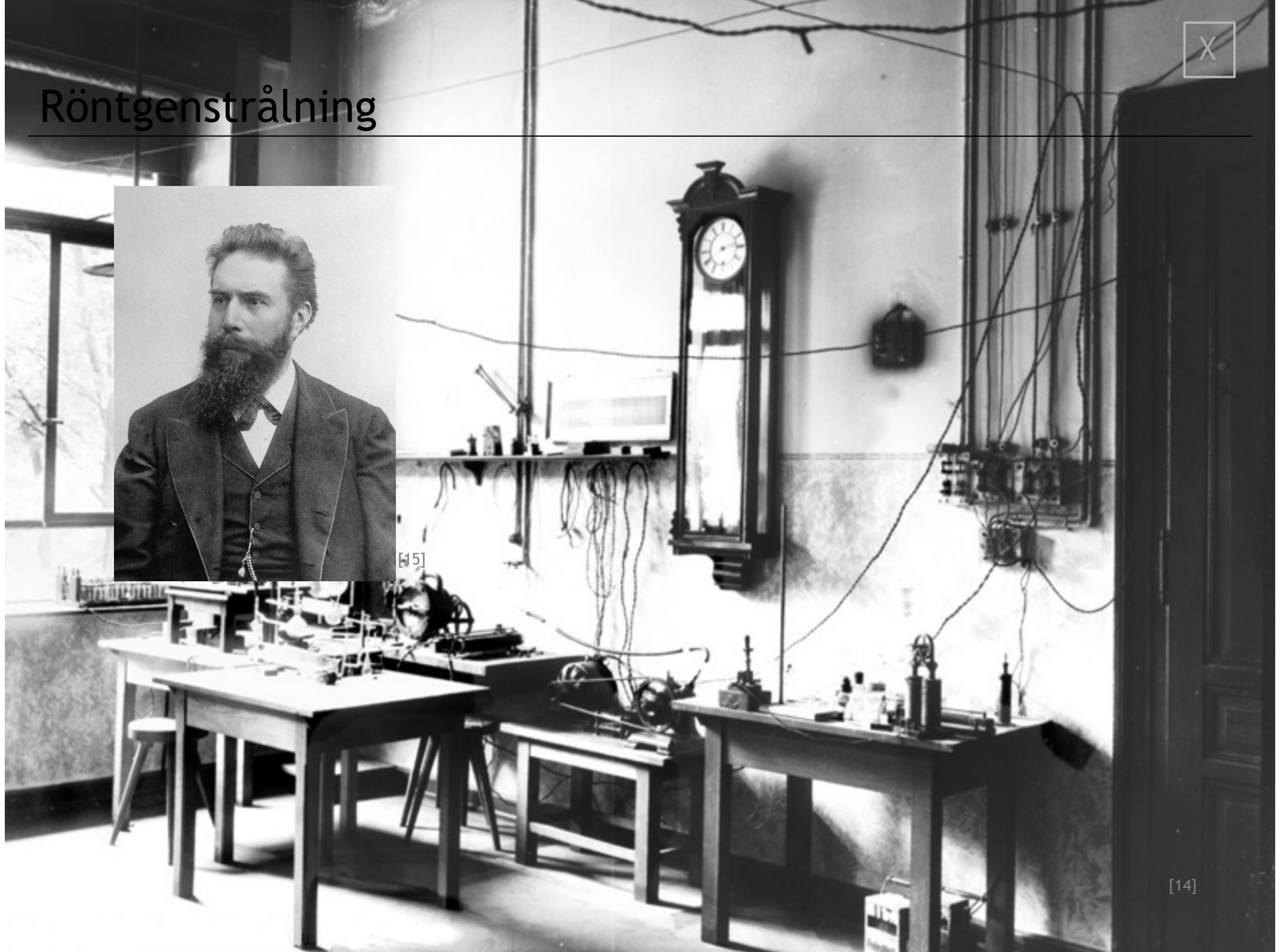
Röntgenstrålning



Röntgenstrålning



[15]



[14]

Röntgenstrålning



[16]



Röntgenstrålning

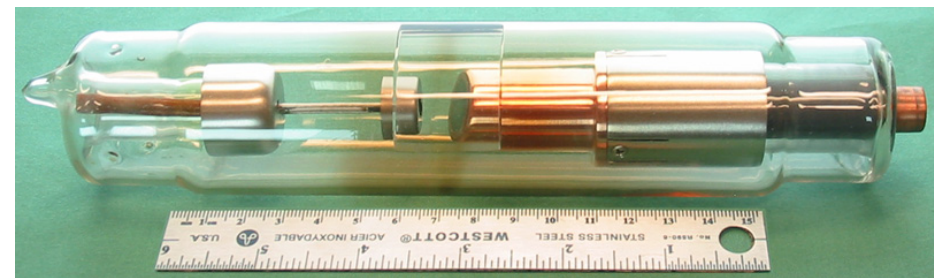
Elektroner som ändrar hastighet avger EM-strålning



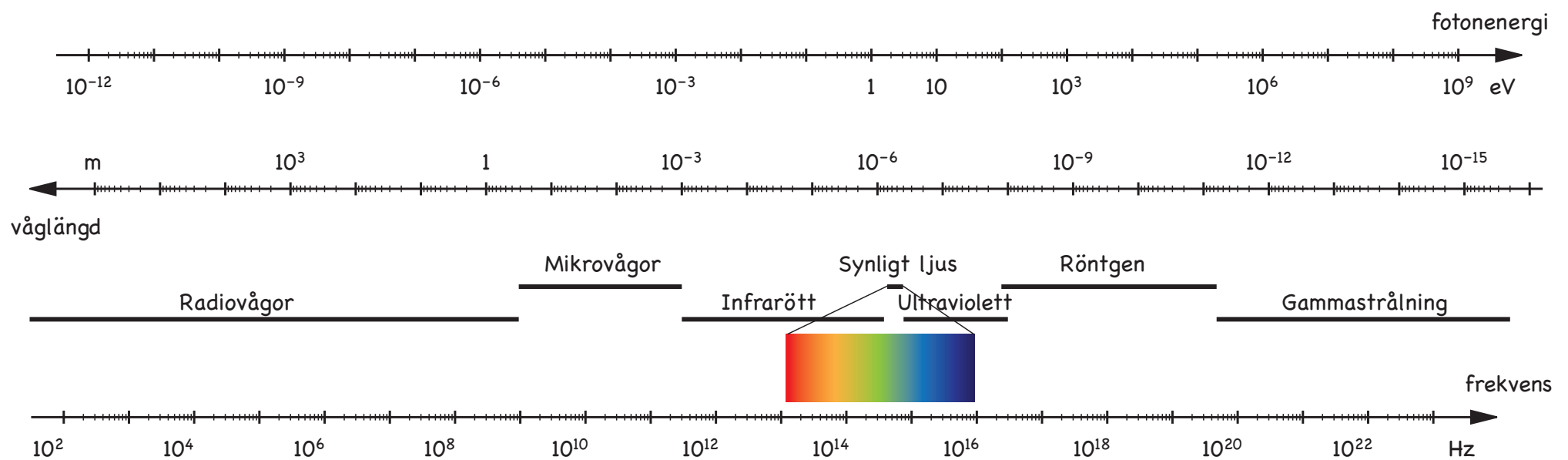
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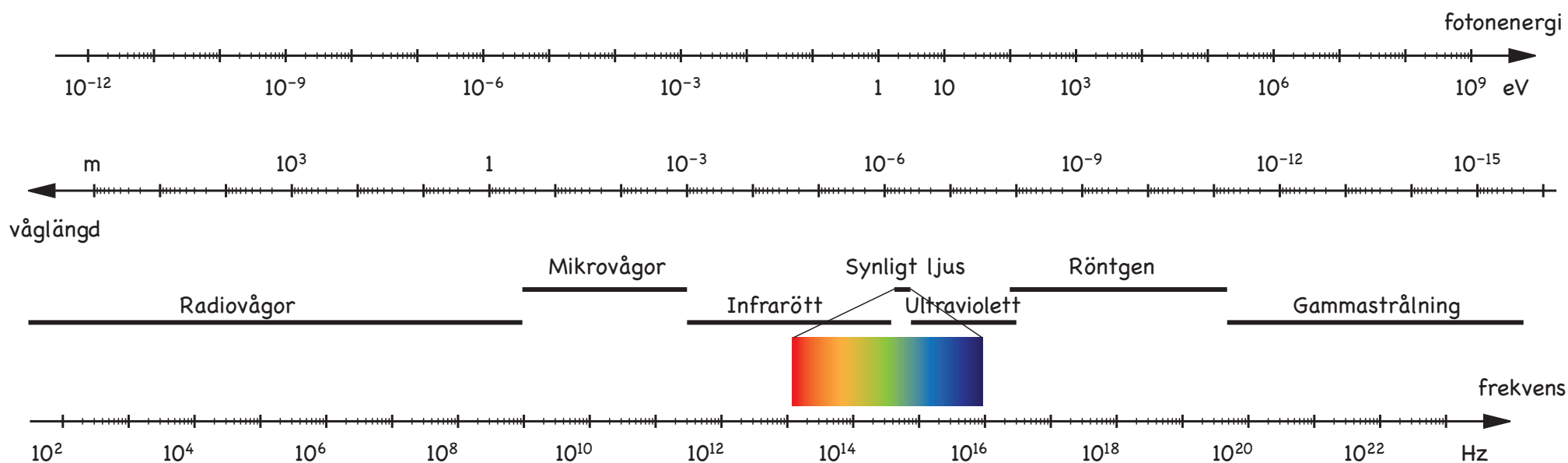
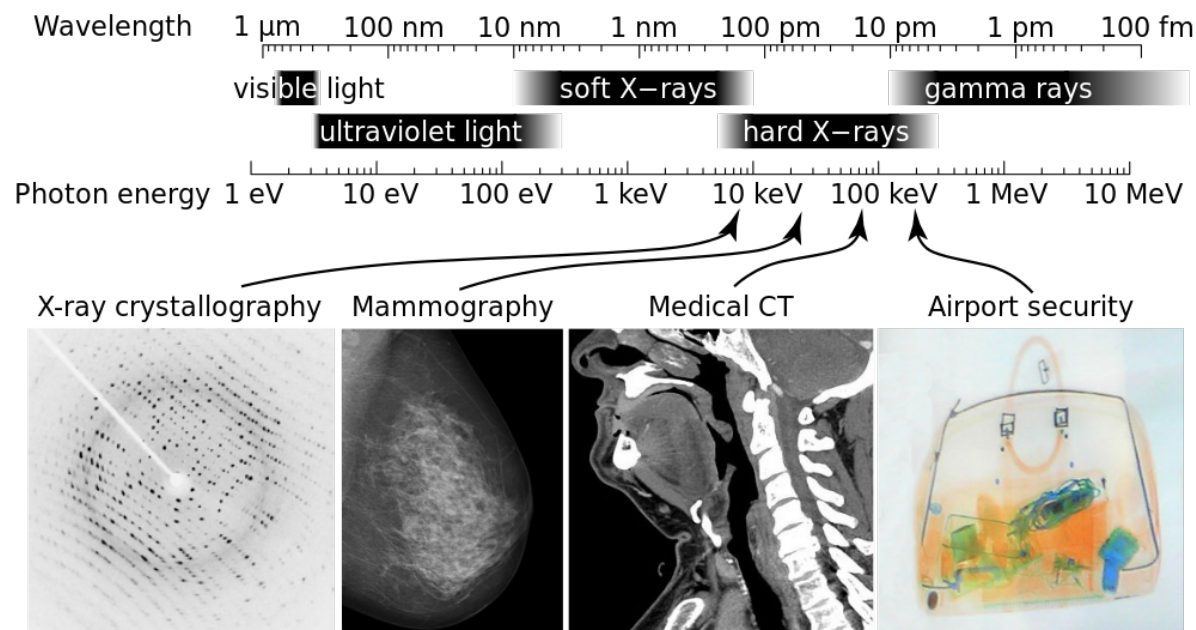
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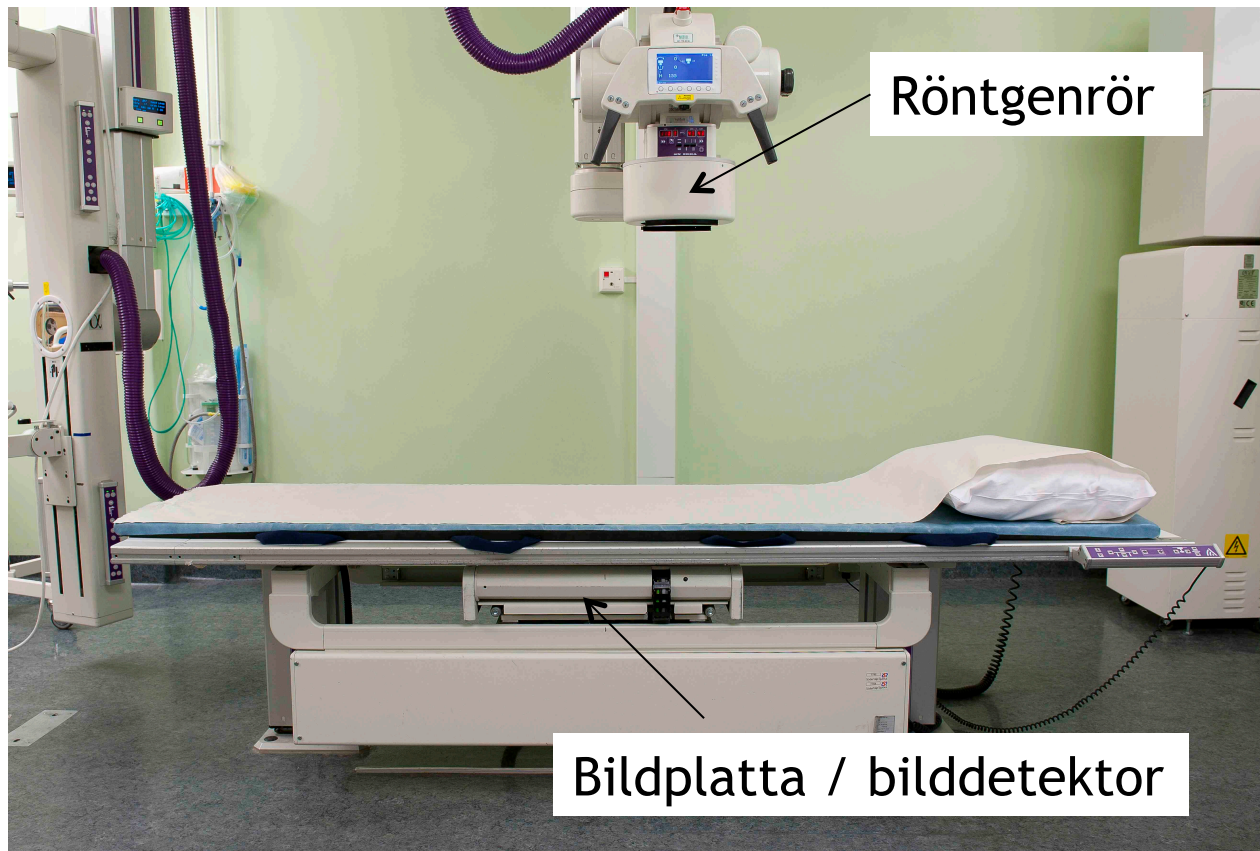
[22]



Röntgenstrålning



Röntgenstrålning i sjukvården



[26]



[25]

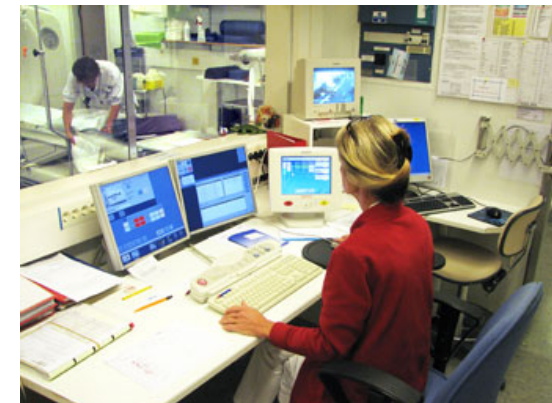
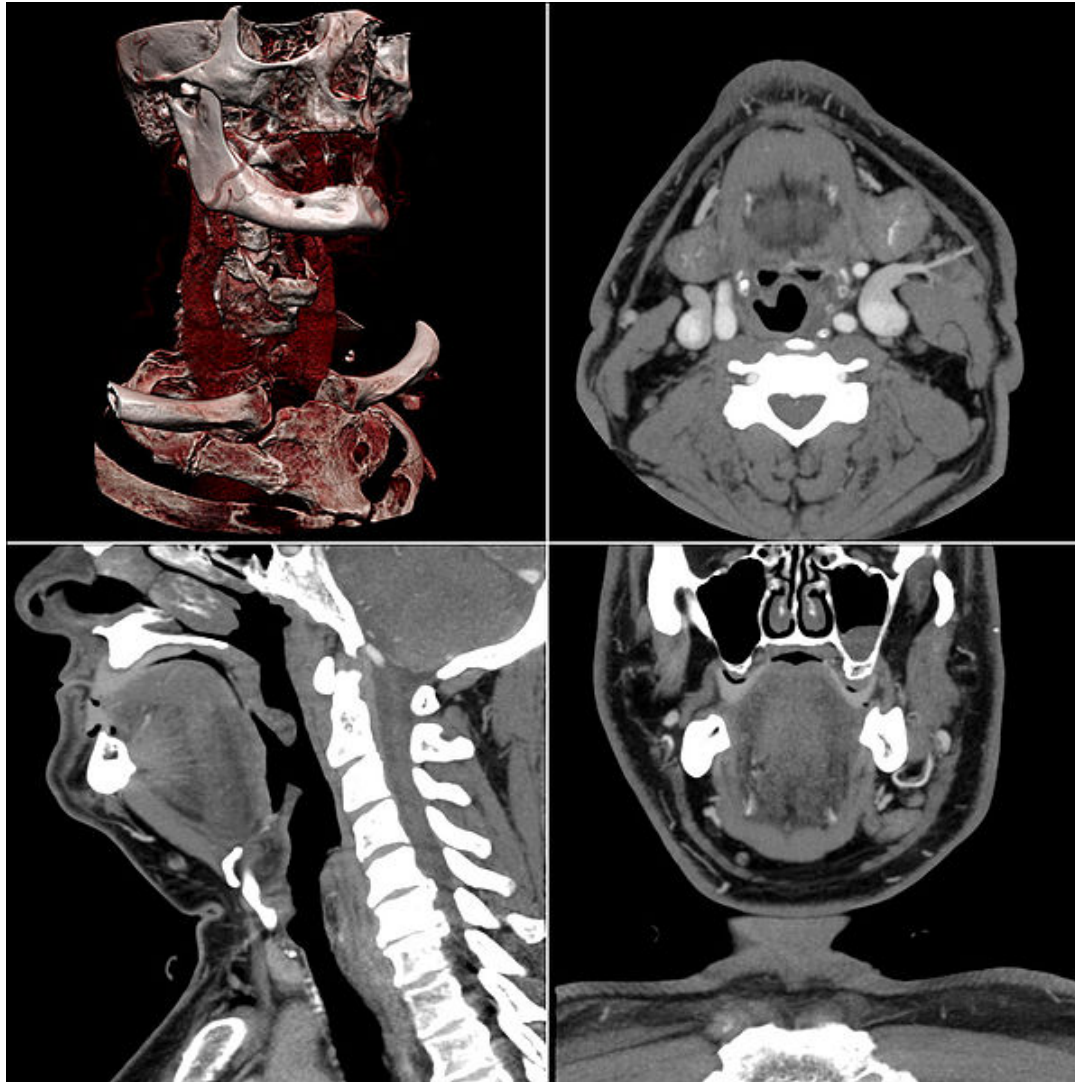


[27]

Datortomografi (CT)



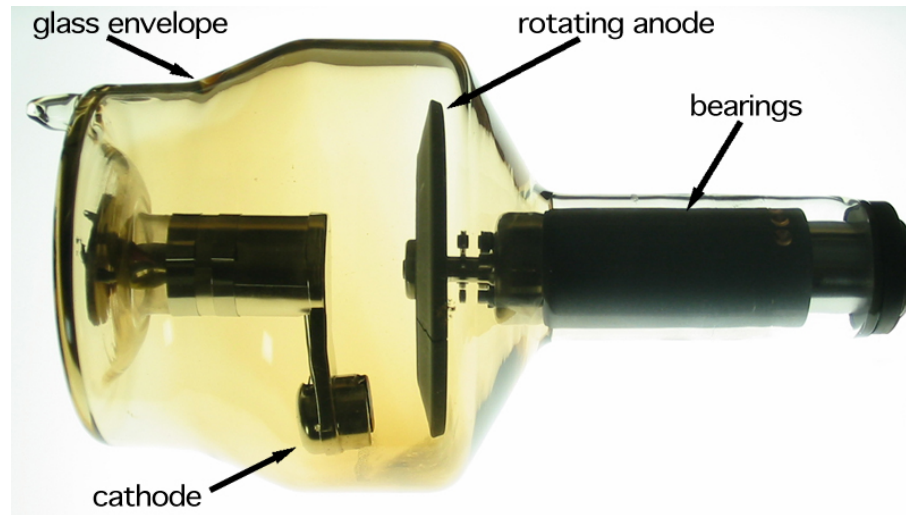
Datortomografi (CT)



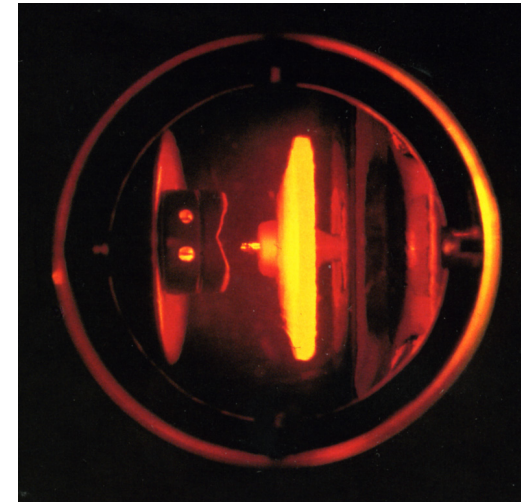
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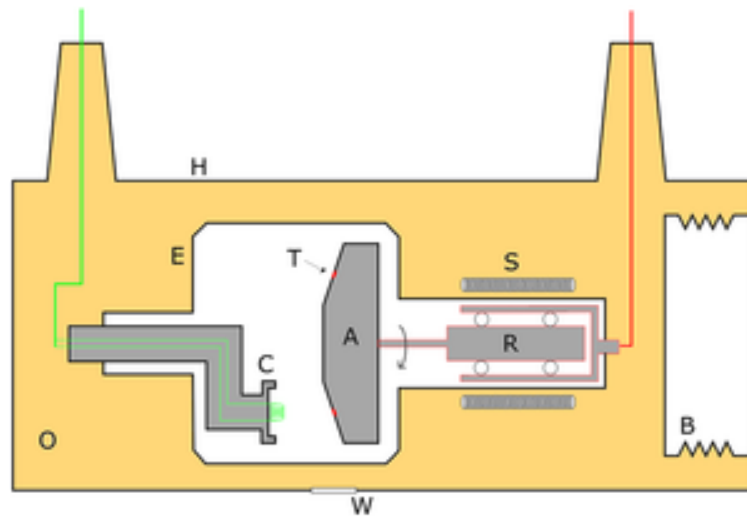
Röntgenrör



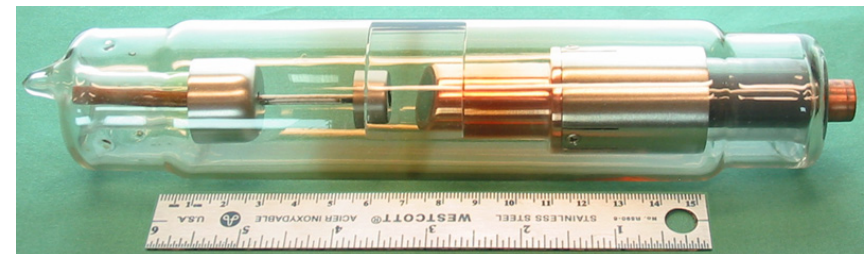
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[34]

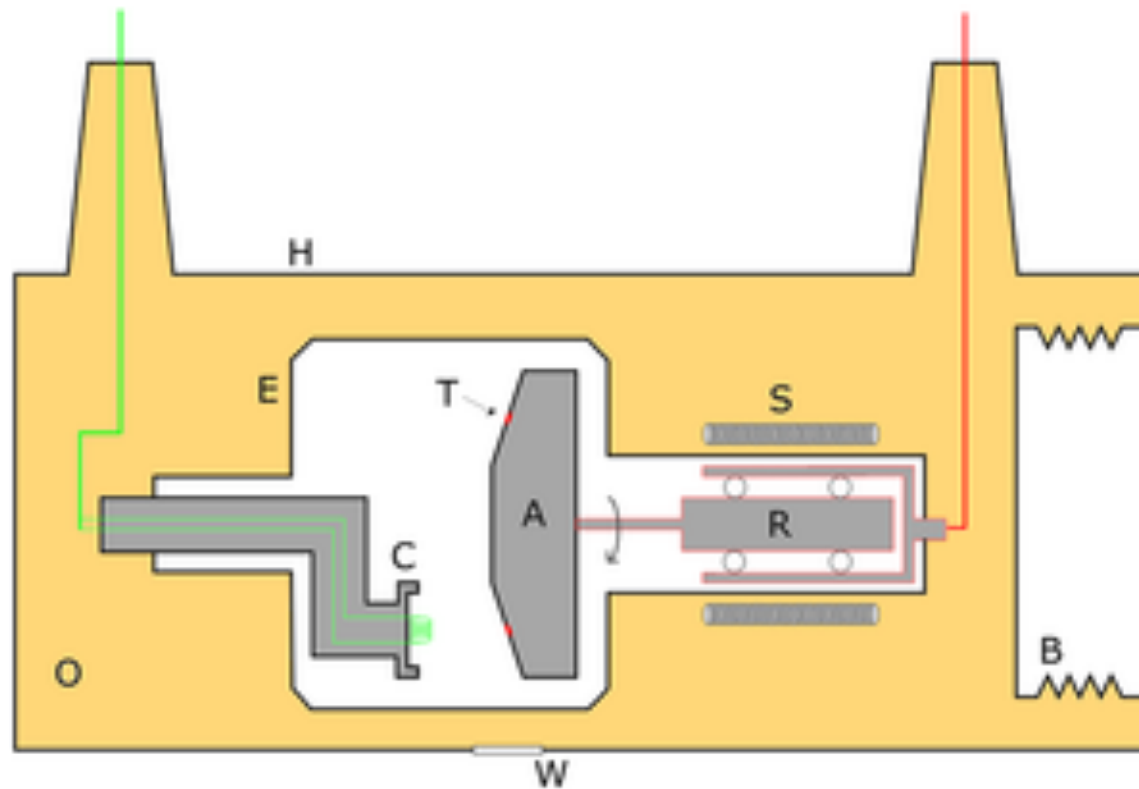


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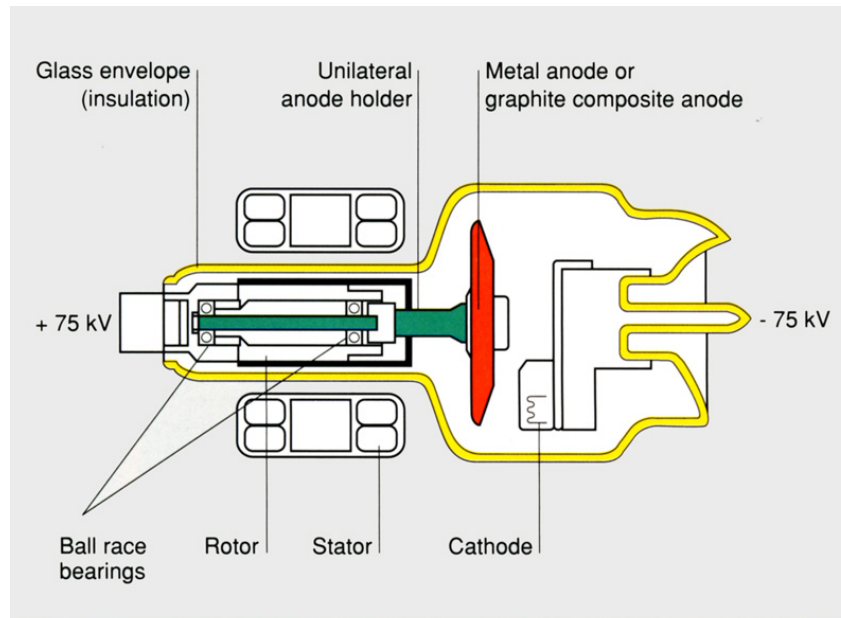


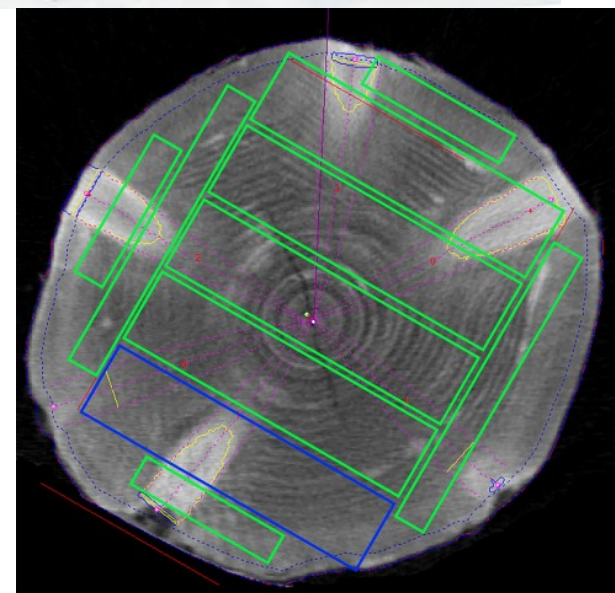
[35]

Röntgenrör



Röntgenrör





Källor

EJ KLART!