The Legacy Of Bo Lindell
ICRP Scientific Secretary 1957-62, ICRP Chair 1977-85

Jack Valentin
ICRP Scientific Secretary 1997-2008

- The scientist
  Brilliant physicist, dedicated utilitarian

- The administrator
  Mild yet determined leader of a government authority

- The author
  Popular and popularising

- The man
  Kind, never vain, empathic

Professor Bo Lindell TDhc FRSAES, 1922-2016
Collective dose and its importance

*Almost overly logical!*

Optimisation and differential cost-benefit analysis

*Leading to the 1977 ICRP Recommendations which he penned*

Dose commitment

*The need to regulate the equilibrium level, not just a single year’s release*

The tall smoke stack problem

*Diluting pollution does not help if more people are exposed*

More on this in Sigurður’s overview later this morning!
1978 ICRP MC Meeting

John Dunster, David Sowby (SciSec), Bo Lindell (Chair), Dan Beninson (Vice-Chair), Henri Jammet (C4 Chair)
The Administrator
Admirable Career; Inclusive Attitude

- Started 1948 at Sievert’s Institute of Physics
  *A fresh graduate from the Royal Institute of Technology*

- Succeeded Sievert 1965 as Head of the licensing authority
  *‘Retired’ in 1982 but stayed on for 20 years as an emeritus adviser*

- Fearless towards government; respectful towards staff
  *But he could be finicky about correct travel claims, etc.*
1975: Bosse, Dan Beninson, Julian Liniecki
The Author
In his early years, wrote mystery stories which were broadcast

*How did he find the time…?!?*

Always responded conscientiously to letters from the public

*‘They may still disagree, but they should get the facts’*

*‘Nuclear power, man, and safety’ 1972*

*With Sven Löfveberg*

And his magnum opus, 1996 – 2011…
Bo Lindell: The History of Radiation and Radiological Protection

Pandora’s Box
The Sword of Damocles
The Labour of Hercules
The Pains of Sisyphus
1992, At Work In His Emeritus Room
The Man
Taught **ALL** staff basic radiological protection

*‘Even the cleaners are our ambassadors in their spare time’*

Listened carefully and interestedly to younger staff

*During coffee breaks, all were equal*

Very keen on providing opportunities for newcomers

*Experts must be raised, they cannot just be recruited*

Competence is not gender dependent!
2012: Bosse's 90th Birthday
2013: Describing Early Days
To Summarise:

- COMPETENT

- UTTERLY HONEST
  Always ready to admit mistakes

- COURAGEOUS
  Never hesitated to express politically unwelcome facts and feelings

- CURIOUS
  Showed a genuine interest in people who dissented with their views