

First 200 GeV Beam at Fermilab **40 Years ago**

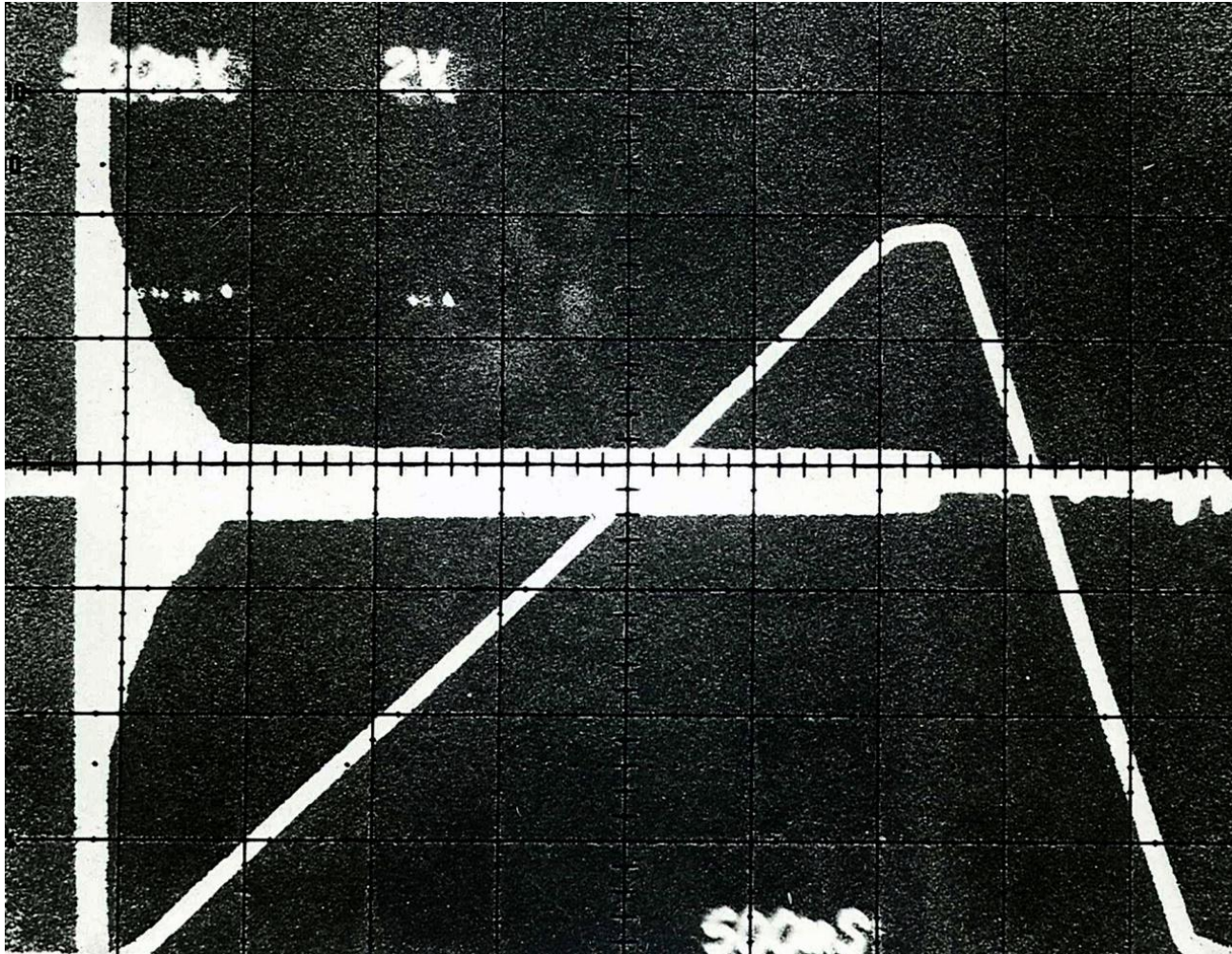
“Spirits” of Founding Director **Bob Wilson**

Town Hall meeting of User Meeting

June 12, 2012

Ryuji Yamada, Fermilab

First **200 GeV** Beam on **March 1, 1972** 40 Years ago



Bob Wilson Tossed Champaign for 200 GeV



Boxes of Champaign Bottles Opened



At Control Desk Just after 200 GeV Beam



One of Most Contributed Persons: **Felicia Ferret**



- No Bureaucrats here ?
- Don't be afraid to **Make a Mistake**
- If it's Good Idea !!
- Just Try First
- and Think Later

Tremendous Achievements in Just 5 Years under Bob Wilson's Spirits

- **200 GeV Beam** achieved **within 5 years**, and **within Budget** as promised
But with a lot of **Risks, and Difficulties, which were all Solved.**
- Construct 200 (-400-500) GeV Accelerator Complex from plain Corn Field
- Completed within Total Budget of \$ 250 M
- Some Left Over Budget was used later
for **Very Successful R&D of Energy Doubler (later -> Tevatron)**
- No “Bureaucratic” System (URA)
- Try and Think at the same time Not Think and Try
- Soon after this, we gave **all Detailed Drawings** of Main Ring Magnet
to **CERN to construct SPS at CERN (Technology Transfer)**

Just a Reflection over 40 Years

- We have achieved a lot of Technical Miracles

200-500 GeV Beam, Tevatron, Project X ??

- We also made of a lot of Discoveries

Bottom Quark, Top Quark, Higgs ???

Discoverers of Upsilon : Bottom Quark

