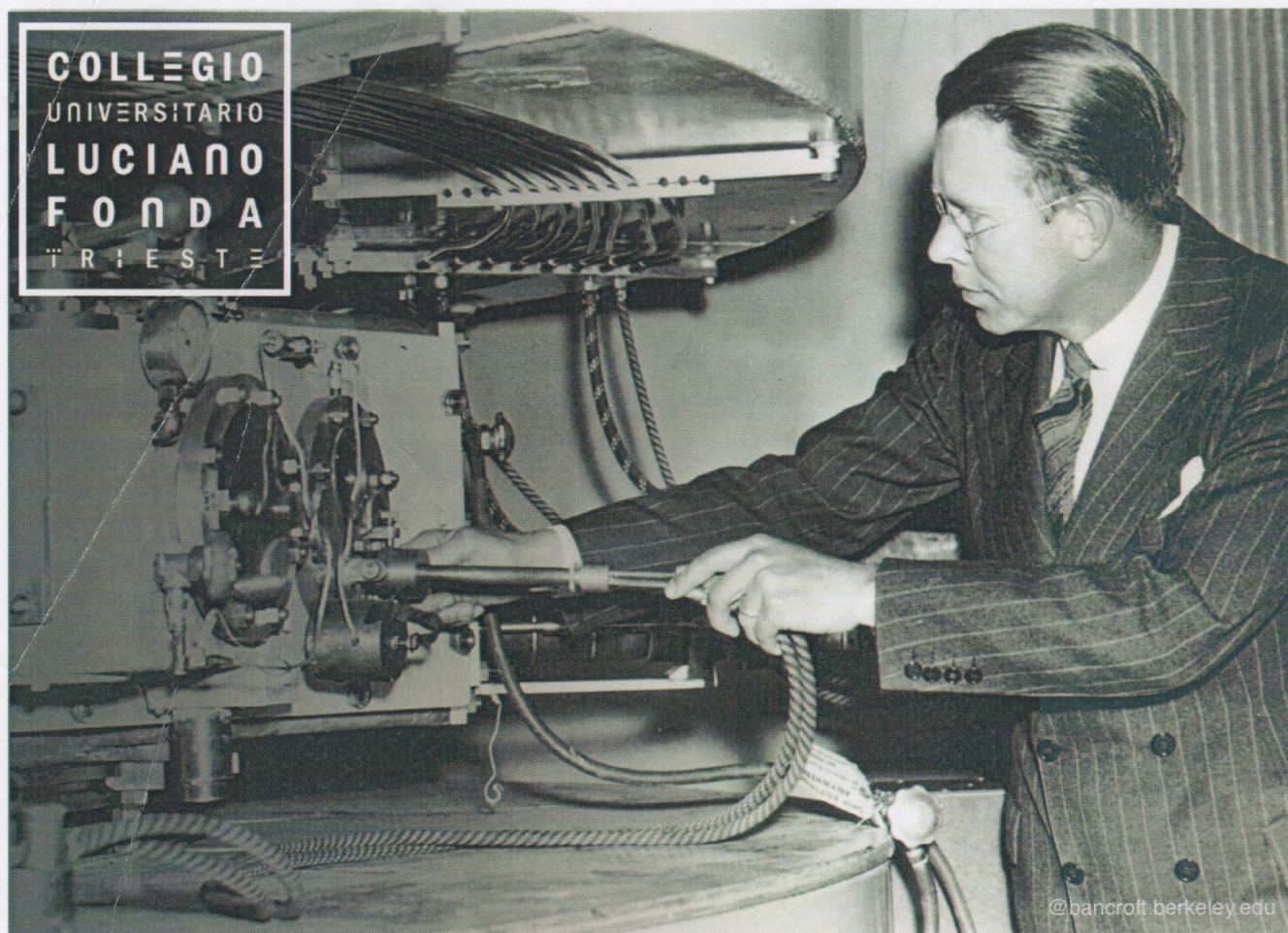


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BIG IDEAS, BIG PROBLEMS, BIG SCIENCE

Charles V. Shank

Prof Emeritus

Lab Director Emeritus, University of California

Venerdì 7 dicembre 2018, ore 18.00

Sala Conferenze, ex Ospedale Militare

Via Fabio Severo 40, Trieste

From the work of early Greek thinkers, to Galileo, to Darwin, scientific progress has been the province of individuals. As problems became more complex it became not longer possible for an individual to make progress. Nearly a century ago the invention of the cyclotron by Ernest Lawrence posed a problem that required a team of

people with different skills. This talk will describe how what we now call Big Science, inspired by Lawrence, has changed the way we solve Big Problems facing mankind from understanding the universe, elucidating the building blocks of life to creating a clean energy future.