

Chapter 10: Fundamental Science as a Complex Human Enterprise

- ▶ In short, what is our Chapter about?
 - ▶ The scientific activity is a complex and multifaceted human enterprise.
 - ▶ It escapes closed and rigid definition frameworks.
 - ▶ Moreover, it is not suited to be valuated through the perspective of a single lens.
 - ▶ This chapter presents different aspects related to the scientific activity focusing on Fundamental Science. They do not constitute an exhaustive illustration of the complexity of science as a human activity but provide a relevant illustration of the need for holistic, interrelated and interconnected frameworks and lenses for considering science and its valuation.
 - ▶ The starting one (Bressan) is considering the Fundamental Science activity from its perspective of generating direct and indirect social value, especially in the context of the big challenges affecting us on a Planetary scale. The second contribution (Johannessen) addresses the scientific activity from the social and managerial perspective and also within the context of leadership. The following contribution (Kocsis) considers how the scientific activity and the artistic ones are in fact deeply connected in each one's facets of helping us understanding ourselves, the world around us and our role within it. Finally, the last contribution (Garcia Tello) reflects upon whether, given the kaleidoscope that the scientific activity is, whether purely neoclassical economic frameworks are sufficient or even suitable for valuating it.

Chapter 10: Summary Status

- Our estimate of current level of completion: 80%
- The following additions/revisions will be completed by July 31st
 - Adding Conclusions
 - References to other Chapters (e.g. 1,12,14)
- Image (not sure if permission is required)



Chapter 10: Key messages, insights (possible input for other chapters)

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- ▶ It escapes closed and rigid definition frameworks.
- ▶ Moreover, it is not suited to be valuated through the perspective of a single lens.