Chapter 7: Scientific Leadership and Collaboration – Lessons from Big Science Experiments

Marilena Streit Bianchi, Viktorija Skvarciany, Grace McCarthy, David Manset and Shantha Liyanage
Chapter’s Content

- Leadership creating and shaping Big Science
- Collective Leadership
- Leadership Collisions
- Leadership Models
- Leadership as gender issue
- Leadership from a machine or instrumentation builder
- What is unique about the scientific leadership style
- Spokesperson and scientific leadership
- Shifting grounds from individual to collective leadership
- Developing a leadership model appropriate to Big Science
- Concluding remarks
Chapter 7 Summary Status and Main Results

- Our estimate of current level of completion: 90% (approx. 8500 words)
- Big Science leadership processes have been summarised and structured
- Interviews with experts have been done regarding leadership in big science (the final text of the interviews will be prepared by July 31)
- Gender issue in terms of leadership was discussed
- Hard and soft skills have been distinguished
- New approach to collectivism in big science was suggested