



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

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# 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