

Complex Systems

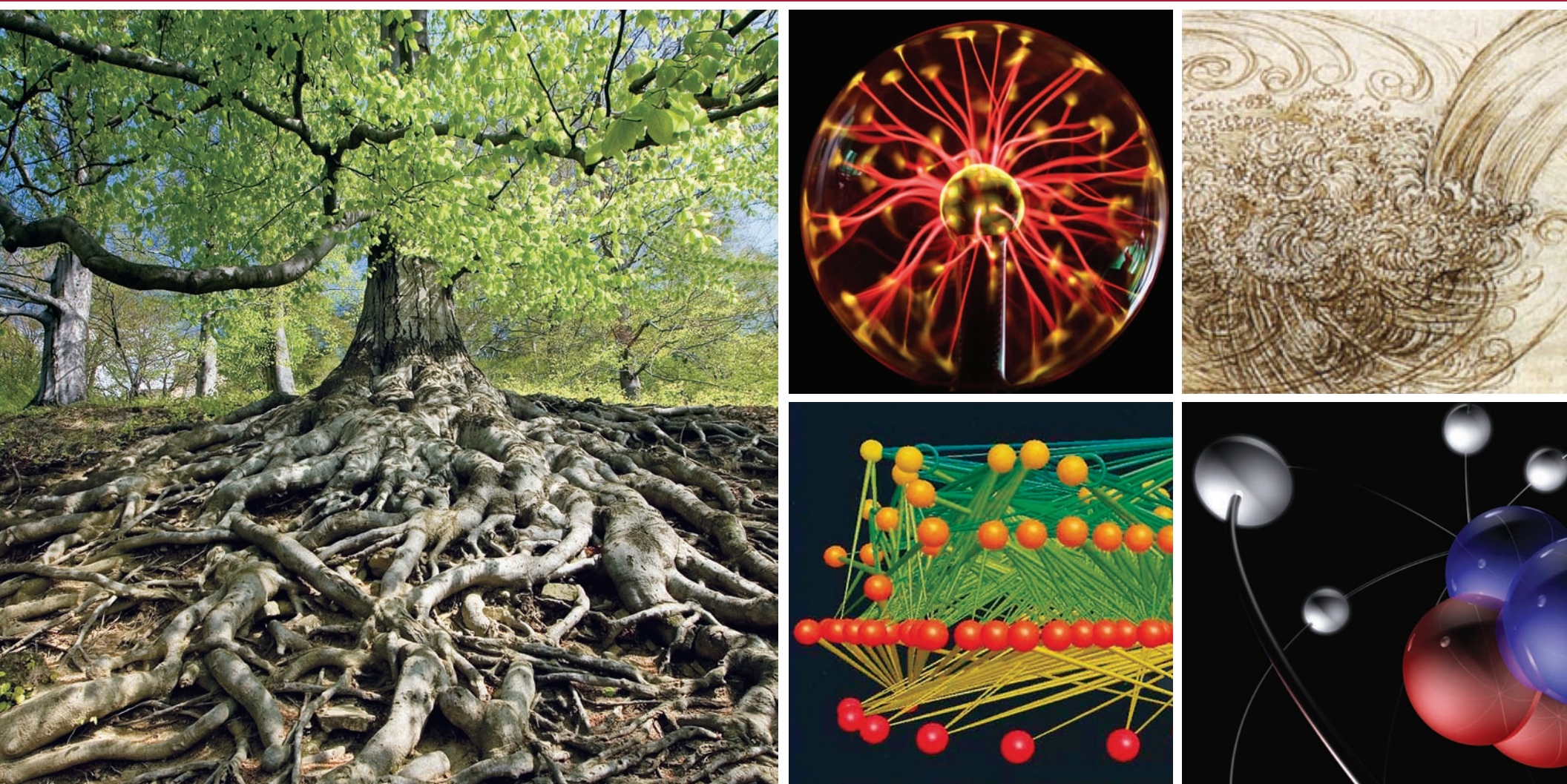
Summer School Bariloche

Sponsored by the SANTA FE INSTITUTE (SFI)

Bariloche, Argentina, December 1-14, 2008

Directors: Miguel A. Fuentes, SFI and CONICET-CAB IB, Argentina

Pablo A. Marquet, Pontificia Universidad Católica de Chile, CASEB and IEB



CSSS-Bariloche is an intensive two-week exploration of complex behavior in mathematical, physical and living systems for graduate students and postdoctoral fellows. Topics include nonlinear dynamics, pattern formation, dynamics of living systems, scaling and network theory. The school is open to students from all countries. Participants are expected to attend for the full two weeks.

This is the first SFI Complex Systems Summer School (CSSS) to be held in Latin America. The spirit of this foundational event is captured in the theme **Foundations and Frontiers of Complex Systems**. Participants will interact with some of the world's top researchers in complex systems, people who have helped define the field and are pushing scientific boundaries.



The school consists of a series of lectures, discussion and student projects. Students must be willing to rigorously explore foundational theories and their relationship to topics currently at the frontier of complex systems science. A strong academic record is a prerequisite; all lectures will be in English. Enrollment is limited.

No tuition is charged. Accommodation and meals are provided and support for travel may also be available. The school is funded by the Santa Fe Institute International Program.

Application deadline is **July 1, 2008**.

For application and further information, see <http://www.santafe.edu/bariloche.php>



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