

Short Course

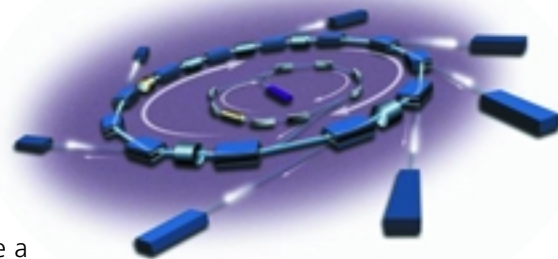
Synchrotron Radiation: Earth, Environmental and Materials Sciences Applications

May 25 and 26, 2002

University of Saskatchewan campus, prior to
the 2002 GAC-MAC meeting in Saskatoon.

THE short course will present what synchrotron radiation is, what the latest techniques are, what types of Earth, environmental and materials science problems can be investigated using synchrotron techniques, what the Canadian Light Source can do, how one gains access to the CLS and other sources, and how data are reduced and analyzed for specific techniques.

Most of the material will be at a level of understanding for most upper undergraduate and graduate students although recent results and ideas presented throughout the lectures will appeal to both pure and applied researchers working on Earth, environmental and materials sciences. The presentations of the first day (90-minute lectures) will be broad overviews of various aspects of synchrotron research. The second day will be dedicated to more specific applications, and some of the lecturers will go through the reduction and analysis of real raw data with the audience (where appropriate). On the afternoon of the second day, there will be a tour of the Canadian Light Source. A symposium on APPLICATIONS OF SYNCHROTRON LIGHT SOURCES TO THE EARTH SCIENCES will also be held during the GAC-MAC meeting. Both oral and poster presentations are welcome.



Organizers

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Contributors

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Registration fee: \$275CDN (Students \$150CDN)

For more information, contact Grant S. Henderson at henders@geology.utoronto.ca
Or visit the web site of Saskatoon 2002 www.usask.ca/geology/sask2002/



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