

# CURRICULUM VITAE

## Dr. Ning Chen

### PERSONAL

Senior Scientist & Beamline Responsible  
Hard X-Ray MicroAnalysis (HXMA) Beamline  
Canadian Light Source (CLS)  
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Saskatoon, SK, S7N 2V3, Canada  
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### PROFILE

More than 20 years' experience in X-ray absorption spectroscopy (XAFS). Expertise in XAFS application in materials engineering and materials science study, chemical engineering, earth and environmental sciences, XANES and EXAFS theoretical modeling

Hard X-ray XAFS beamline design, construction, commissioning, operation, upgrade, new technology development, and beamline management

### COLLABORATION

I have closely worked with XAFS user community, involving theoretically and experimentally in research throughout users' XAFS projects upon XAFS modeling, data analysis and interpretation, collaborated in 46 user projects from 36 research groups of 27 universities/institutes across Canada and internationally throughout year 2021.

### EXPERIENCE

The very nature of my job at CLS requires me to make every effort to develop a hard X-ray XAFS facility as a leading center of synchrotron XAFS research in Canada, develop user community, and promote XAFS in Canada and internationally. Years' effort has been put into this endeavor, including 40 invited synchrotron lectures, and organizing and teaching 27 Mini-XAS workshops throughout Canada and internationally since 2013. Recently due to the pandemic induced physical limitations, my user outreach has been alternatively proceeded through remote approach with 18 XAFS Webinars provided to the community since November 2020. I have also deeply involved in supervision and training of HQP. To fulfill this duty, I have been appointed five adjunct positions in Canada.

2003-now

Staff Scientist, HXMA Beamline, Canadian Light Source

2021-now

Adjunct Professor, Department of Mechanical and Materials Engineering,  
University of Western Ontario

2019-now Adjunct Research Scientist, Institute for energy, environment, and sustainable communities (IEESC), University of Regina

2018-now Adjunct Professor, Department of Chemical and Biological Sciences, University of Saskatchewan

2016-now Adjunct Professor, Department of Chemistry, Biochemistry and Physics Université du Québec à Trois-Rivières

2003-now Adjunct Professor, Department of Geological Sciences, University of Saskatchewan

2001-2003 Postdoctoral fellow & COGEMA associate, Canadian Light Source

1996 – 2001 Teaching assistant & lab instructor, University of Saskatchewan

1999 – 2000 Research assistant, University of Saskatchewan

**EDUCATION:**

Ph.D.  
1996 – 2002 Department of Geological Sciences, University of Saskatchewan, Canada

M.Sc.  
1986 – 1989 Beijing Institute of Environmental Features, China

B. Sc.  
1979 – 1983 Department of Optics, Shandong University, China

**PUBLICATION:**

2019-now 75 peer reviewed publications.