



- **Name** Saroj RUJIRAWAT (สาโรช รุจิรวรรณ)
- **Education**
 - Ph.D. (Physics) University of Illinois at Chicago, USA, 2000
 - M.S. (Physics) University of Illinois at Chicago, USA, 1998
 - B.Sc. (Physics) Khon Kaen University, Thailand 1992
- **Current Position**
 - Director, Center for Scientific and Technological Equipment (CSTE)
Suranaree University of Technology (SUT), Thailand
 - Lecturer, Faculty member, School of Physics, Institute of Science
Suranaree University of Technology, Thailand
- **Mailing address**

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Suranaree University of Technology
111 University Ave, T. Suranaree, Muang District,
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- **E-mail** saroj@sut.ac.th
- **Work Experience**
 - 2000-Present Lecturer, Faculty member,
School of Physics, Institute of Science,
Suranaree University of Technology, Thailand
 - 2005-2009 Assistant Director,
Center for Scientific and Technological Equipment
Suranaree University of Technology, Thailand
 - 2009-2012 Member of Thai Physics Society (TPS) administration board
 - 2009-2012 Deputy Director, Center for Scientific and Technological Equipment
Suranaree University of Technology, Thailand
 - 2012-Present Director, Center for Scientific and Technological Equipment
Suranaree University of Technology, Thailand
 - 2014-Present Technical Advisor
Synchrotron Light Research Center (SLRI), Thailand

R&D Experience

Finished projects

- Molecular beam epitaxy growth of II-IV materials for large format infrared detector, Researcher, EPIR Ltd, Chicago, USA (1997-1999)
- Synchrotron light source commissioning, Team member, and Storage Ring and Vacuum group, Team leader, NSRC, Thailand (2000-2004)
- 1.2 GeV energy upgrading of the Siam Photon Source, Team member, NSRC, Thailand (2005-2007)
- Liquid helium cryogenic plant for the Siam Photon Source, Team leader, SLRI (2006-2010)
- Construction of CSTE basic science, agricultural and engineering laboratory building (F-10) project, Team member, SUT (2007-2010)
- SUT-NANOTEC-SLRI Joint research facility project (XAS BL5), Team member, SUT NANOTEC & SLRI (2008-2014)
- Superconducting WLS Magnet project for the Siam Photon Source, Team leader, SLRI (2009-2011)
- Project for setting up CSTE's advanced analytical equipment facility, Team Leader, SUT (2011-2013)

On-going projects

- M1 Mirror Coating System project for NARIT National observatory, Team leader, SLRI NARIT & SUT (2010-2014)
- SUT-NANOTEC-SLRI Joint research facility project (XAS BL5) Phase II, Team member, SUT NANOTEC & SLRI (2014-Present)
- Material development for ZnO LED project, Technical advisor, NECTEC (2014-Present)
- Project for setting up a neutron irradiation facility for BNCT, Team member, SUT (2013-Present)
- Construction of CSTE engineering laboratory building (F-11) project, Team member, SUT (2013-2016)
- Construction of CSTE health Science laboratory building (F-12) project, Team member, SUT (2014-2017)
- Participate in SUT's planning for large-scale infrastructure (2010-Present)

Publications :

Co-authored > 30 international articles in *Physics and Applied Physics*

Citation > 620

h-index 14