

Curriculum Vitae (2022 08) – Cedomir Petrovic

Primary affiliation: Condensed Matter Physics, Brookhaven National Laboratory USA

Also at: Department of Physics and Astronomy, Johns Hopkins University USA

Also at: Physics and Astronomy and Materials Science and Engineering Departments,
Stony Brook University USA

Also with: Serbian Academy of Sciences and Arts, Belgrade, Serbia

Building 734, Condensed Matter Physics Brookhaven National Laboratory, Upton, NY 11973

Web page BNL: <http://www.bnl.gov/cmpmsd/emsc/>

Google scholar: <http://scholar.google.com/citations?user=t24kjPMAAAAJ&hl=en&oi=ao>

E-mail: cedomir.petrovic@sanu.ac.rs

Education:

September 2000: Ph. D. degree in Physics, [Florida State University](#), NHMFL Tallahassee, FL

December 1997: M. Sc. degree in Physics, [Florida State University](#), Tallahassee, FL

August 1996: B. Sc. degree in Theoretical Physics, [University of Belgrade](#), Serbia

Employment and research activities:

2002 - present: [Condensed Matter Physics and Materials Science Department, Brookhaven National Laboratory \(BNL\), Upton NY USA](#)

In charge of establishing and leading new exploratory materials synthesis and characterization laboratory

2008 - present: Physicist with tenure, Condensed Matter Physics and Materials Science Department,

2006 - 2008: Physicist, Condensed Matter Physics and Materials Science Department,

2004 - 2006: Associate Physicist, Condensed Matter Physics and Materials Science Department,

2002 - 2003: Assistant Physicist, Physics Department, Brookhaven National Laboratory

2016-present: Adjunct Professor of Materials Science, [Materials Science and Engineering, Stony Brook University](#), Stony Brook USA

2012 – present: Visiting professor of Physics, [Department of Physics, University of Belgrade](#), Serbia

2011 – 2014: Alexander von Humboldt Fellow, [Hochfeld Magnetlabor Dresden, HZDR](#)

2010 - present: Adjunct Professor of Physics, [Department of Physics and Astronomy, Stony Brook University](#), Stony Brook USA

2009 - present: Adjunct Professor of Physics, [Department of Physics and Astronomy, Johns Hopkins University](#), Baltimore MD USA

2008 – 2019: Foreign Associate Member, [Canadian Institute for Advanced Research \(CIFAR\), Quantum Materials Program](#), Toronto ON, Canada

2007 - 2009: Adjunct Assistant Professor of Physics, [Department of Physics and Astronomy, Johns Hopkins University](#), Baltimore MD USA

2008 (April – July): Visiting Professor of Physics, [ISSP, University of Tokyo](#), Japan

2000-2002: Postdoc, Condensed Matter Physics, [Ames Laboratory, Iowa State University](#)

1997-2000: Graduate Research Assistant, [NHMFL Tallahassee & MST-10 Group, LANL](#)

Awards:

[“Marko Jaric” Serbian Physics award 2009](#)

[Humboldt Fellowship for Experienced Researchers 2011-2014](#)

[Serbian Academy of Sciences and Arts](#) – Foreign Associate Member (2015-present)

[APS Fellow 2016](#)

[BNL Science and Technology Award \(2022\)](#)

Invited talks (last 5 years shown):

- 12th International Conference on Magnetic and Superconducting Materials MSM22 Duisburg 2022
- Ames Laboratory March 2021
- Elasto-Q-Mat CRC (Frankfurt – Karlsruhe – Mainz) January 2021
- Kent State University, January 2021
- ECRYS2020 Cargese 2020 (invited, scheduled after Covid-19)
- Quantum Materials Canada, Sherbrooke 2020 (cancelled due to Covid-19)
- MRS Fall Meeting Boston 2019
- The 20th Symposium on Condensed Matter Physics, Belgrade October 2019
- Purdue University, Decembar 2019
- Hochfeldmagnetlabor Helmholtz Zentrum Dresden Rossendorf 2018
- Max Planck Institut Für Chemische Physik fester Stoffe Dresden 2018
- European Materials Research Society (E-MRS) Meeting Warsaw 2018
- Synthesis and Exotic Physics of Novel Quantum Materials Workshop, Ames IA 2018
- Institut de Physique, EPFL February 2018
- Paul Scherrer Institut, Villeggen February 2018
- University of Göttingen, January 2018
- New Directions in Quantum Materials Research, College Park MD January 2018
- Fudan University, Shanghai 2017
- Southeast University, Nanjing 2017
- Nanjing University, Nanjing 2017
- Renmin University, Beijing 2017
- High Magnetic Field Laboratory, Hefei 2017
- University of Science and Technology, Hefei 2017
- HPSTAR Shanghai 2017
- Physics Department, Stony Brook University 2017

Teaching Experience:

Experimental methods in condensed Matter Physics, Johns Hopkins University Fall 2008
Supervision of undergraduate mechanics laboratories, Florida State University, 1996-1997

Graduate students, postdocs and visiting scientists supervised:

[Rongwei Hu](#), PhD student 2005-2009, PhD 2009 Brown. Next position: Ameslab postdoc. Current position: Rutgers Center for Advanced Materials (staff). [Xiangde Zhu](#), Visiting scientist 2009. Current position: Scientist, High Magnetic Field Laboratory (HMFL) Chinese Academy of Sciences (CAS) Hefei. [Hechang Lei](#), Postdoc 2009-2012. Next and current position: Renmin Univ. Beijing (Assistant, Associate Prof.). [Hyejin Ryu](#), PhD student 2010-2014, PhD Stony Brook 2014. Next position: postdoc at LBNL. Current position: KIST Seoul. [Kefeng Wang](#), Visiting scientist from Nanjing University 2010-2012, postdoc 2013-2014. Next position: Univ. of Maryland (postdoc). Current position: Rutgers Center for Emergent Materials. [Lijun Li](#), Visiting scientist 2013-2014. Current position: Scientist, Laboratory for Nanomedicine KAUST. [Yanan Huang](#), visiting from ISSP CAS Hefei 2015. Current position: Scientist, ISSP CAS Hefei. [Yongchang Ma](#), visiting scientist from 2013-2014. Current position: Professor of Physics, Tianjin University of Technology, Tianjin. [Weijun Ren](#), visiting scientist 2014-2015. Current position: Scientist, Shenyang National Laboratory for Materials Science CAS, Shenyang. [Aifeng Wang](#), Postdoc 2014-2018. Next and current position: Assistant Professor of Physics, Chongqing Univ. [Jianjun Tian](#), Visiting Scientist 2015-2016. Current position: Professor of Physics, Henan University, Kaifeng. [Qianheng Du](#), Graduate Student 2016-2020, PhD Stony Brook 2020. Next position: ANL postdoc. [Yu Liu](#), Postdoc 2016-2020. Next and current position: LANL Director Fellow. [Zhixiang Hu](#), PhD student 2018-present, Stony Brook University. [Dana Capitano](#), MSc student 2019-2020, Stony Brook University. [Shuzhang Chen](#), PhD student 2020 – present.