

Curriculum Vitae (April 2016)

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: Canadian Institute for Advanced Research (CIFAR), Quantum Materials Program

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Born on January 20th 1971 in Belgrade, Serbia.

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](#),
[Helmholtz Zentrum Dresden Rossendorf](#)

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 – present: 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, [Institute for Solid State Physics](#),
[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](#)

Grants and awards:

FWP “[Exploratory Bulk Materials Synthesis and Characterization](#)” US DOE (PI, 2005 – present)

FWP “[Energy Frontier Research Center on Superconductivity US DOE](#)” (Co-PI, 2009-present)

FWP “[Center for Computational Design of Functional Strongly Correlated Materials](#)” (Co-PI, 2015-now)

[“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](#)

Invited talks (last 3 years shown):

- Basic Research Needs for Synthesis Energy Science, Washington DC 2016
- International Conference on Superconductivity and Magnetism, Fethiye, Turkey, April 2016
- Emerging Materials Nanotechnology – Thermoelectrics, Orlando 2016
- The 19th Symposium on Condensed Matter Physics - SFKM 2015, Belgrade, Serbia
- Vinca Institute of Nuclear Sciences, Serbia June 2015
- Gordon Research Conference on Superconductivity, Hong Kong May 2015
- Department of Physics, Rutgers University November 2014
- Institute of Physics Belgrade, Serbia, July 2014
- The 7th Workshop for Emergent Materials, Max Planck/POSTECH, Pohang, Korea, July 2014
- European Magnetic Field Laboratory User Meeting Dresden, Germany, June 2014
- University of Augsburg, Germany, June 2014
- Institut für Festkörperphysik TU Wien, Austria, April 2014
- Budapest University of Technology and Economics, Hungary, April 2014
- University of Edinburgh, Scotland, March 2014
- Vinca Institute of Nuclear Sciences, Serbia June 2013
- Institute of Physics Belgrade, Serbia, June 2013
- Institute of Physics, Chinese Academy of Sciences, March 2013

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 and postdoc supervised:

2005 – 2009: Rongwei Hu (Graduate Student, PhD 2009 Brown University). Currently at Rutgers University Centre for Advanced Materials (staff).

2010 – 2014: Hyejin Ryu (Graduate Student, Stony Brook University); PhD 2014 September.
Next and current position: Postdoc at Lawrence Berkely Lab

2009-2012: Hechang Lei (Postdoc, PhD ISSP CAS USTC, Hefei, China).
Next and current position: Renmin University Beijing (Assistant Professor)

2013 – 2014: Kefeng Wang (Postdoc, PhD Nanjing University, China).
Next and current position: University of Maryland (postdoc)

2014 – present: Aifeng Wang (Postdoc, PhD USTC Hefei, China).

2016-present: Qianheng Du (Graduate Student, Stony Brook University)

2016-present: Yu Liu (Postdoc, PhD ISSP CAS USTC Hefei, China)

Professional Societies:

Member – American Physical Society