EXHIBIT A

Danijela Cabric

CONTACT INFORMATION

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EDUCATION

University of California, Berkeley, Berkeley, CA
Ph.D., Electrical Engineering, 2007
Advisor: Robert W. Brodersen
Thesis Title: "Cognitive Radios: System Design Perspective"

University of California, Los Angeles, Los Angeles, CA
M.S., Electrical Engineering, 2001
Advisor: Babak Daneshrad
Thesis Title: "Characterization of a Fast Frequency-Hopped FSK Testbed through Simulations and Field Trials"

University of Belgrade, Belgrade, Serbia
B.S., Electrical Engineering, 1998
Thesis Title: "Mapping of Blood Vessel Boundaries using MRI Velocity Images"(the thesis research was performed at Biological Imaging Center, Department of Computer Science, Caltech, Pasadena)

RESEARCH INTERESTS

Wireless communications system design; Cognitive radios and dynamic spectrum access; Spectrum sharing and spectrum sensing technologies; Machine learning for communications; 5G technologies for millimeter wave communications (mmWave) and Internet of Things (IoT); VLSI architectures of signal processing and digital communication algorithms; Co-design of radio architectures and signal processing algorithms; RF impairment corrections and compensations using DSP; Performance analysis and experiments on embedded system platforms;

CAREER HISTORY

- **University of California, Los Angeles, CA, USA**
  Professor, Department of Electrical Engineering   July 2018 - present

- **University of California, Los Angeles, CA, USA**
  Associate Professor, Department of Electrical Engineering   July 2014 - June 2018

- **University of California, Los Angeles, CA, USA**
  Assistant Professor, Department of Electrical Engineering   January 2008 - June 2014

- **University of California, Berkeley, CA USA**
  Graduate Student Researcher   August 2001 - December 2007
  System design of cognitive radio spectrum sharing technology from the physical and network layer perspective including theoretical analysis, algorithms, and implementation.

- **Intel Corporation, Santa Clara, CA, USA**
  Summer Intern, Communications Technology Lab   May 2004- August 2004

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Development of cognitive radio spectrum sensing for detection of idle channels in TV bands.

- **InnovICs Wireless Corporation, Los Angeles, CA USA**
  Senior Systems Design Engineer   January 2001 - August 2001
  System design of a WCDMA mobile transceiver featuring dual-antenna signal processing.

- **University of California, Los Angeles, CA, USA**
  Graduate Student Researcher   April 1999 - June 2001
  Modeling, analysis, system design and experiments for a wireless fast-frequency-hopped FSK testbed.

SELECTED HONORS AND AWARDS

- **IEEE Fellow, 2021.**
- **Qualcomm Faculty Award, 2020 and 2021.**
- **Best Paper Award** at 4th ACM Workshop on Millimeter-Wave Networks and Sensing Systems (mmNets), 2020.
- **Best Paper Award** at IEEE International Conference on Communications, Networking and Computing (ICNC), 2019.
- **IEEE ComSoc Distinguished Lecturer, 2018-2020.**
- **NSF CAREER Award, 2012.**
- **Hellman Fellowship 2012**, a campus wide program established to support promising assistant professors, University of California, Los Angeles.
- **Okawa Foundation Research Grant 2009**, one of six nation-wide recipients.
- **Samueli Fellow 2008**, University of California, Los Angeles.
- CalVIEW Award for excellence in distance education, University of California, Berkeley, 2005.
- Graduate Division Fellowship, University of California, Berkeley 2001-2002.
- Graduate Division Fellowship, University of California, Los Angeles 2000-2001.
- Summer Undergraduate Research Fellowship, Caltech, Pasadena 1998.

TEACHING EXPERIENCE

- Undergraduate courses at UCLA: Instructor for Signals and Systems (EE102), Digital Signal Processing (EE113), Logic Design for Digital Systems (M16), Circuit Analysis I (EE10), Digital Electronic Circuits (EE115C).
- Graduate courses at UCLA: Developed a new course "Special Topics in Circuits and Embedded Systems: Wireless Communications System Design (EE209AS)", also offered in UCLA MS online program. Instructor for Estimation and Detection (EE230A), Digital Communications (EE230B), Wireless Communications System Design, Modeling and Implementation (EE233).
- Undergraduate courses at UC Berkeley: Probability and Random Processes (EECS 126).
- Graduate courses at UC Berkeley: Course consultant for VLSI Signal Processing (EECS 225C).

CONSULTING EXPERIENCE

- Consultant for Intellectual Ventures, Seattle, WA, 2008-2010.
- Consultant for Specom, Inc., San Diego, CA, 2014-2016.
- Board of Advisors, MaxLinear, Inc., Carlsbad, CA 2017-2021.
- Consultant for LocatorX, Atlanta, GA, December 2018-December 2021.
- Consultant for Perceptronics Solutions, Los Angeles, CA, April 2020-present.

- Consultant for Project Kuiper, Amazon, Inc. July 2020-December 2023.
- Technical Expert (Prior art and invalidity), Baker Botts LLP, June 2021-September 2021.
- Testifying Expert (Infringment), Susman Godfrey, December 2021-present.
- Board of Advisors, Delart, June 2021-present.

PROFESSIONAL SERVICE

- Senior Editor for IEEE Journal on Selected Areas in Communications (JSAC), Sept. 2022-present.
- Special session Chair, IEEE International Workshop on Signal Processing Advances in Wireless Communications (SPAWC), Oulu, Finland, July 4-6, 2022.
- General Co-Chair, IEEE 2021 IEEE International Symposium on Dynamic Spectrum Access Networks (DySPAN), Los Angeles, CA, Dec. 2021.
- General Co-Chair, IEEE 2019 Vehicular Networking Conference (VNC), Los Angeles, CA, Dec 2019.
- Special session organizer, "Beam-forming and beam-tracking in MIMO systems", at Asilomar Conference on Signals, Systems, and Computers, 2019.
- Symposium Chair "Machine Learning for Communications", IEEE International Conference on Networking and Communications, (ICNC 2019)
- Technical Committee Member for Signal Processing for Communications and Networking (SPCOM) January 2019-present.
- Associate Editor for IEEE Signal Processing Magazine, August 2018-present.
- Associate Editor for IEEE Transactions on IEEE Transactions on Signal and Information Processing over Networks, November 2018-present.
- Associate Editor for IEEE Transactions on Mobile Computing, June 2018-present.
- Associate Editor for IEEE Transactions on Wireless Communications, June 2018-present.
- Guest Editor for EURASIP Journal on Wireless Communications and Networking, special issue on "Dynamic Spectrum Access and Cognitive techniques for 5G", November 2017.
- Co-Chair, Modelling and Theory Track, 11th International ICST Conference on Cognitive Radio Oriented Wireless Networks and Communications (CROWNCOM 2016)
- Associate Editor for IEEE Transactions on Cognitive Communications and Networking, January 2015-present.
- Editor for MONET special issue on CROWNCOM 2013.
- Associate Editor for IEEE Communication Letters, January 2013-January 2014.
- Associate Editor for IEEE Journal of Selected Areas in Communications (JSAC) - Cognitive Radio series, June 2011-December 2014.
- Guest Editor for EURASIP Journal on Wireless Communications and Networking, special issue on "Dynamic Spectrum Access: From the Concept to the Implementation", April 2010.
- TPC Chair of the 8th International ICST Conference on Cognitive Radio Oriented Wireless Networks and Communications (CROWNCOM 2013), premier conference in cognitive radio networks area.
- Co-chair, ACM Workshop on Cognitive Radio (CoRoNet), ACM MobiCom, September 2011.
- Special Session Organizer "Spectrum Sensing for Cognitive Radios", IEEE CAMSAP 2013.
- Publications Co-Chair and Organizing Committee member at IEEE DySPAN, 2007.
- Technical program committee member: ICC (2008-2013), Globecom (2009-2013), DySPAN (2005-2011), Crowncom(2012-2013, 2016-present), VTC (2012), PIMRC (2011-2012), GlobalSIP (2017-present).
- Proposal reviewer/panelist for NSF (CNS/NeTS, CNS/EARS, CNS/WiFiUS, ECCS/CCSS), UC Discovery, Qatar National Research Fund QNRF, European Commission (H2020), Singapore Ministry of

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Education.

DEPARTMENT SERVICE

- ECE Department Vice Chair of Undergraduate Affairs, July 2022-present.
- Fast Track Program Director, July 2021-June 2022.
- Fast Track Program Faculty advisor, September 2019-present.
- Staff recruitment, promotions and welfare committee, June 2017-present.
- EE Department Area Director for Circuits and Embedded Systems, June 2015-June 2018.
- Awards committee for Best Ph.D. and MS theses, Best TA awards, Dissertation Year Fellowships, June 2015-June 2018.
- Adhoc committee for merit increases and adjunct faculty appointments,(three cases, Winter 2017).
- Recruitment committee, June 2015-June 2018.
- Courses and Curriculum committee, June 2015-June 2018.
- Co-Chair, Annual Research Review, EE Department, 2013-2015.
- Graduate Admissions Committee Member, 2008-2011.
- Organizer of EE Department Seminar Series, Winter 2009 and Fall 2012.
- Member of EE Undergraduate curriculum revision committee for design courses and computer engineering pathway, 2009.

UNIVERSITY SERVICE

- Samueli Undergraduate Admissions Team, UCLA Engineering, 2021-present.
- Faculty Executive Committee, UCLA Engineering, 2019-2022.
- 2019 Opus/Interfolio user group review committee.
- 2017 UCRI Lab Fees Fellowship Review Panel, October 2017.
- Hellman Fellowship Selection Committee, Spring 2017, Spring 2018.
- HSSEAS Strategic Hiring Committee for Future Internet, Networking, and Cybersecurity, January 2017-June 2018.
- HSSEAS Strategic Planning Committee for Future Internet, Networking, and Cybersecurity, Summer 2016.
- HSSEAS Courses Evaluations and Petitions Reviewer for Associate Dean of Academic and Student Affairs (Prof. Wesel), June 2015-present.
- UCLA Tech Forum Organization Committee, 2015.
- UCLA Extension Advisory Board Member, 2013-2015.

FUNDING

- PI, NSF, "FuSe-TG: Electronic-Photonic Systems-on-Chip for Computation, Communication and Sensing," $400K, 2023-2024.
- PI, NSF, "NSF-AoF: CNS Core: Small: Machine Learning Based Physical Layer and Mobility Management Solutions Towards 6G," $392K, 2022-2025.
- PI, DARPA/Raytheon, "Tensors for Reprogrammable Intelligent Array Demonstrations (TRIAD)", $400K, 2021-2022.
- PI, NSF, "Spectrum Innovation Initiative Center: SpectrumX," $520K, 2021-2025.
- PI, Toyota, Research gift, $75K, 2021.

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