

# НАСТАВНО-НАУЧНОМ ВЕЋУ ЕЛЕКТРОТЕХНИЧКОГ ФАКУЛТЕТА УНИВЕРЗИТЕТА У БЕОГРАДУ

Изборно веће Електротехничког факултета Универзитета у Београду на својој 825. седници од 17.04.2018. године нас је именovalo за чланове Комисије за избор др Мирослава Крстића у звање гостујућег професора. Проучили смо материјал који нам је био на располагању и част нам је да Изборном већу поднесемо следећи

## ИЗВЕШТАЈ

### Биографски подаци

Др Мирослав Крстић је рођен 14-ог септембра 1964. године у Пироту. Електротехнички факултет Универзитета у Београду је уписао 1984. године а дипломирао 1989. на Одсеку за електронику, телекомуникације и аутоматику. Непосредно након дипломирања, период 1989-1991. је провео као асистент на Катедри за аутоматско управљање на Рударском факултету Универзитета у Београду.

1991. године одлази на докторске студије на Универзитет Санта Барбара у САД. 1994. године брани докторат на овом универзитету и период од 1995. до 1997. године проводи као асистент-професор на Одсеку за механику Универзитета у Мериленду. 1997. године се запошљава на Универзитету у Сан Дијегу (*University of California, San Diego*) у звању ванредног професора, а 2000. године бира биран у звање редовног професора. 2005. године постаје директор Центра за управљање системима и динамику (*Cymer Center for Control Systems and Dynamics*). Тренутно обавља функцију проректора за истраживање на Универзитету Сан Дијего. У својој досадашњој каријери је био позиван са угледних универзитета да одређени период провед као гостујући професор (*UC Berkeley, Universite Diderot-Paris 6, University of Sheffield*). Обављао је велики број административних функција на Универзитету у Сан Дијегу.

Крстић је изабран у звање Fellow у рекордних 7 научних удружења: IEEE и IET (електротехника), ASME (машинство), AAAS (примењена физика), SIAM (примењена математика), AIAA (ваздухопловство), IFAC (аутоматика). Он је поред водеће *Rufus Oldenburger Medal* добијене од *American Society of Mechanical Engineers (ASME)* добио и друге престижне награде: *John Ragazzini Education Award*, *American Automatic Control Council; Outstanding Contribution to Aerospace Research*, *American Institute for Aeronautics and Astronautics (AIAA) San Diego Section; Henry Paynter Outstanding Researcher Award*, *American Society of Mechanical Engineers (ASME); Nyquist Lecture Prize*, *American Society of Mechanical Engineers (ASME); Presidential Early Career Award for Scientists and Engineers, Office of Naval Research Young Investigator Award, National Science Foundation Career Award, Distinguished Visiting Professor Award, Royal Academy of Engineering, United Kingdom; Invitation Fellow, Japan Society for the Promotion of Science; Russell Severance Springer Distinguished Visiting Professor*, *UC Berkeley, UCSD Diversity Award, UCSD Award for Research, George S. Axelby Outstanding Paper Award, IEEE Trans. Automatic Control, O. Hugo Schuck Best Paper Award, American Automatic Control Council.*

Наставу држи из предмета Сигнали и системи, Линеарно управљање, Робусно и мултиваријабилно управљање, Управљање системима са расподељеним параметрима, Нелинеарни системи и Нелинеарно управљање. Руководио је израдом 25 докторских дисертација и постдокторским студијама шеснаест кандидата, аутор је или коаутор девет

уџбеника, његови научни радови из области нелинеарног управљања, управљања системима са дистрибуираним параметрима и системима са кашњењем су високо цитирани (само је монографија *Nonlinear and adaptive control design* цитирана преко 9000 пута). Има два патента.

## Научно-стручни радови

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#### **Радови у зборницима радова међународних конференција**

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## Одзив на радове

Крстићевих 693 публикација је цитирано, на основу података који се налазе у бази података *SCOPUS*, коју држи велики светски издавач *Elsevier*, укупно 14148 пута, h-индекс: 63. Кад искључимо самоцитате добијамо 11619 SCOPUS цитата и h-индекс: 57. *Google Scholar база података*: Укупан број цитата 34124, h-индекс: 81.

(<https://scholar.google.hr/citations?user=V6MAuuoAAAAJ&hl=hr&oi=ao>)

## Мишљење Комисије

Из изложеног се види да кандидат, др Мирослав Крстић, редовни професор на Универзитету Сан Дијео (*University of California San Diego*), Сједињене Америчке Државе, испуњава све услове Закона о високом образовању (члан 66) и Статута Електротехничког факултета, Универзитета у Београду, (чланови 17 и 102), за избор у звање гостујући професор.

Др Мирослав Крстић има докторат наука, 13 међународних монографија, 320 рада објављена у међународним часописима, 390 рада на међународним научним скуповима, велики број предавања по позиву и два патента. Последњих година др Мирослав Крстић успоставља значајну сарадњу са Катедром за сигнале и системе Електротехничког факултета, држећи кратке курсеве студентима докторских студија, организујући студијске боравке за студенте докторских студија на Универзитету у Сан Дијео и учествујући у докторској комисији једног од асистената на ЕТФу.

Полазећи од анализе целокупне наставне и научноистраживачке активности др Мирослава Крстића, обима и квалитета његовог рада, а посебно научног рада из области дефицитарних на Електротехничком факултету, те његовог ангажовања да их пренесе студентима и колегама у Србији, предлагемо Изборном већу Електротехничког факултета, Универзитета у Београду, да га изабере у звање гостујући професор.

у Београду,  
дана 11.05.2018.

Чланови Комисије:

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др Жељко Ђуровић, ред. проф.

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др Бранко Ковачевић, ред. проф.

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др Срђан Станковић, проф. емеритус