

## ИЗБОРНОМ ВЕЋУ ЕЛЕКТРОТЕХНИЧКОГ ФАКУЛТЕТА У БЕОГРАДУ

На основу члана 30 Препорука о ближим условима за избор у звање наставника и сарадника Електротехничког факултета Универзитета у Београду, које је 11. децембра 2012. године донео декан Факултета, имам част да поднесем

### ИЗВЕШТАЈ О РАДУ РЕДОВНОГ ПРОФЕСОРА

Како сам претходни извештај поднео пре тачно 5 година (18.02.2014.) за претходних десет година, у овом извештају ћу навести само активности које сам имао у претходних 5 година.

#### Научно-стручна делатност

У претходном петогодишњем периоду Бранко Колунџија је аутор или коаутор 50 научних радова, и то: 1 поглавља у међународној монографији, 10 радова објављених у часописима међународног значаја, 33 рада реферисана на скуповима међународног значаја (у иностранству), 3 рада у домаћим часописима, као и 3 рада реферисана на домаћим конференцијама (види прилог). Сем тога ко-аутор је једног међународног патента и већег броја техничких решења. Заједно са колегом Миланом Костићем добио је награду „Проф. др Александар Маринчић” за најбољи стручни рад из области микроталасне технике за 2015. годину.

Члан је председништва друштва ЕТРАН испред секције за антене и простирање. Члан је Програмског одбора и координатор секције "Applied Electromagnetics" конференције TELFOR. Потпредседник је IEEE MTT Chapter-a за Србију и Црну Гору. Delegat је EurAAP-a за групу 11 (Serbia, Croatia, Bosnia-Hertz., Slovenia, FYR Macedonia, Albania). (EurAAP организује европску антенску конференцију EuCAP). 2017. године организовао је сесију на конференцији *Applied Computational Electromagnetics* у организацији друштва *Applied Computational Electromagnetics Society (ACES)*.

Био је руководилац два домаћа пројекта (TP32005 и IF50014) и два међународна пројекта (FP7 и H020) (види прилог).

Као главни архитект комерцијалног софтверског пакета WIPL-D руководио је и учествовао у изради нових верзија различитих софтверских алата на годишњем нивоу.

Према подацима из базе *Google Scholar*, која узима у обзир и цитате монографија, више од 200 радова је цитирано укупно 1751 пут (око 30% су ауто-цитати), од тога 647 пута у задњих пет година.

#### Наставна делатност

Бранко Колунџија држи наставу на основним студијама из предмета *Електромагнетика, Антене и простирање* и *Софтверски алати за пројектовање антена*. Предмети *Електромагнетика* и *Антене и простирање* су покривени уџбеницима на Српском језику, док се за предмет *Софтверски алати за пројектовање антена* користи монографија аутора на енглеском језику. На мастер студијама држи наставу из предмета *Моделовање и симулација електромагнетских поља*, која је покривена монографијом аутора на енглеском језику. На докторским студијама држи наставу из предмета *Антене и простирање радио таласа, Анализа и синтеза антена* и *Електромагнетика*. Ти предмети су покривени литературом на енглеском језику, укључујући и две монографије аутора. Просечна оцена на предметима са 10 и више анкетираних студената у овом периоду је износила 4.52. Био је ментор 1 успешно одбрањене докторске дисертације. Тренутно је ментор или ко-ментор две докторске дисертације. Такође је био члан комисија за оцену и одбрану великог броја школских радова, не само на нашем универзитету, него и на више других универзитета у земљи и иностранству.

У Београду, 18. фебруар 2019. године.



др Бранко Колунџија, редовни професор

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## ПРИЛОГ: Листа радова у претходном петогодишњем периоду.

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### Радови саопштени на научним скуповима у земљи

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### Пројекти

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