

BIBLIOGRAFIJA Fizičkog odsjeka Prirodoslovno-matematičkog fakulteta Sveučilišta u Zagrebu : 1999 - 2008

Stubičan Ladešić, Gordana

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Fizičkog odsjeka
Prirodoslovno-matematičkog fakulteta
Sveučilišta u Zagrebu

Gordana Stubičan Ladešić

Nakladnik

Sveučilište u Zagrebu
Prirodoslovno-matematički fakultet

Za nakladnika

Prof. dr. sc. Nils Paar

Recenzenti

Prof. dr. sc. Miroslav Požek
Prof. dr. sc. Matko Milin

Tehnička urednica i grafičko oblikovanje

Gordana Stubičan Ladešić

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Gordana Stubičan Ladešić

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PREDGOVOR

Bibliografija obuhvaća radove zaposlenika Fizičkog odsjeka Prirodoslovno-matematičkog fakulteta Sveučilišta u Zagrebu u desetogodišnjem razdoblju, odnosno od 1999. do 2008. godine. Uvršteni su radovi objavljeni u vrijeme kad su autori bili zaposlenici Fizičkog odsjeka. Bibliografija sadrži 741 bibliografsku jedinicu, strukturiranu prema prilagođenim Vancouverskim pravilima, što je pridonijelo jasnijem prikazu informacija.

Bibliografija je podijeljena na dva dijela. Prvi dio odnosi se na radove objavljene u časopisima koje indeksira baza podataka Web of Science Core Collection. Prilikom pretraživanja baze podataka nisu pronađene sve bibliografske jedinice, stoga su dodane naknadno zahvaljujući savjetovanju s nastavnim djelatnicima. Radovi su svrstani u sljedeće kategorije: izvorni znanstveni radovi, pregledni radovi, radovi sa znanstvenih skupova objavljeni u časopisima i pisma uredniku. Klasifikacija radova napravljena je prema bazi podataka Web of Science Core Collection i ponekad se razlikuje od klasifikacije u časopisu. Unutar svake kategorije radovi su poredani kronološki i abecedno prema prvom autoru.

Kod radova autora članova STAR kolaboracije uvršteni su prvi i zadnji autor na radu i autori s afilijacijom Fizičkog odsjeka Prirodoslovno-matematičkog fakulteta Sveučilišta u Zagrebu, kao i oni s afilijacijom „Croatia“. Ovakav način zapisivanja radova odabran je zbog mnogobrojnog autorstva, kao i preglednosti samog zapisa. STAR kolaboracija broji oko 360 autora i, iako u bibliografskim zapisima nisu popisani svi (strani) autori, oni se mogu naći na poveznicama koje se nalaze uz zapise.

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Većina radova sadrži DOI (Digital Object Identifier), trajnu poveznicu na sažetak rada na stranici izdavača ili na cjeloviti tekst. Mrežnim stranicama pristupano je putem navedenih poveznica tijekom izrade bibliografije, krajem 2018. i početkom 2019. godine. Radovi kojima nije pridružena poveznica, nisu mrežno dostupni.

Bibliografija sadrži kazalo autora s naznakom rednih brojeva obrađenih radova. Kod autora koji su objavljivali pod više od jednim oblikom imena u kazalu je izabran jedan oblik za jedinstvenu odrednicu, a za ostale je izrađena uputnica, kako bi se na istom mjestu okupili radovi jednog autora.

Na kraju bibliografije nalazi se abecedni popis svih časopisa zastupljenih u bibliografiji.

Gordana Stubičan Ladešić

RIJEČ PROČELNIKA FIZIČKOG ODSJEKA

Zadnjih nekoliko desetljeća, Fizički odsjek Prirodoslovno-matematičkog fakulteta Sveučilišta u Zagrebu profilirao se u respektabilnu instituciju u znanstveno-nastavnom radu u području prirodnih znanosti, polje fizika u Republici Hrvatskoj. Jedna od temeljnih djelatnosti Fizičkog odsjeka je znanstveno istraživanje u nizu grana fizike, koje rezultira brojnim vrhunskim znanstvenim radovima objavljenim u najuglednijim međunarodnim znanstvenim časopisima, čime odsjek značajno doprinosi ugledu Sveučilišta u Zagrebu u široj međunarodnoj znanstvenoj zajednici. Snažna znanstvena aktivnost odsjeka integrirana je s nastavnim programima od dodiplomskog do poslijediplomskog studija fizike, čime je našim studentima omogućen uvid u aktualnu problematiku nekih od najvažnijih otvorenih pitanja moderne znanosti.

Bibliografija Fizičkog odsjeka izrađena je u spomen i zahvalu svim djelatnicima Fizičkog odsjeka koji su zaslužni što su svojim predanim znanstvenim i nastavnim radom i izvrsnim znanstvenim radovima gradili i unaprijeđivali djelatnost Fizičkog odsjeka na najvišoj razini. Bibliografija je također izrađena s namjerom upoznavanja šire javnosti sa značajem i opsegom znanstveno-istraživačkog rada na Fizičkom odsjeku. Ova bibliografija objedinjuje znanstvene publikacije odsjeka u periodu od 1999. do 2008. godine, uključujući radove objavljene u časopisima indeksiranim u bazi podataka Web of Science Core Collection, kao i radove objavljene u časopisu Fizika A i Fizika B. Knjiga predstavlja posebno vrijedan pregled aktivnosti na Fizičkom odsjeku i svjedoči o uspješnom znanstvenom radu koji se provodi na Fizičkom odsjeku, kao i snažnoj integraciji naših istraživača s brojnim vodećim sveučilištima i znanstvenim institucijama u svijetu. Kvaliteta objavljenih znanstvenih radova razvidna je ne samo iz činjenice da su brojni radovi objavljeni u najuglednijim međunarodnim znanstvenim časopisima, već je potvrđena i visokom citiranošću većeg broja radova koji su dostigli zavidnu prepoznatljivost u međunarodnoj znanstvenoj zajednici.

Najljepše zahvaljujem autorici knjige Gordani Stubičan Ladešić, voditeljici knjižnice na Fizičkom odsjeku, na velikom angažmanu i entuzijazmu u pripremi ovog djela, kao i svim djelatnicima odsjeka koji su svojim doprinosima osobno pridonijeli da bibliografija bude što kvalitetnija i sveobuhvatnija. Posebno zahvaljujem i recenzentima, prof. dr. sc. Matku Milinu i prof. dr. sc. Miroslavu Požeku čije je veliko znanje i iskustvo unaprijedilo bibliografiju, kao i svima drugima koji su posredno ili neposredno doprinijeli objavljivanju ovog djela.

Prof. dr. sc. Nils Paar
Pročelnik Fizičkog odsjeka
Prirodoslovno-matematičkog fakulteta
Sveučilišta u Zagrebu

IZVORNI ZNANSTVENI RADOVI

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