

CERN i SEENET-MTP mreža – Kancelarija Niš - potpisali ugovor o saradnji

Dugogodišnja saradnja Evropske organizacije za nuklearna istraživanja (CERN), vodeće naučne institucije u svetu za istraživanje fizike visokih energija, sa sedištem u Ženevi – Švajcarska, i Mreže matematičke i teorijske fizike Jugoistočne Evrope (SEENET-MTP), koja okuplja 23 instituta i univerziteta iz 11 zemalja Jugoistočne Evrope, čije se sedište nalazi na Prirodno-matematičkom fakultetu u Nišu, ozvaničena je Ugovorom o naučnoj i tehničkoj saradnji koji je potpisan 6. marta 2017. godine.

Ugovor su potpisali profesor dr Đan Đudiće (Gian Giudice), upravnik Departmana za teorijsku fiziku, u ime CERN-a, i profesor dr Goran Đorđević, izvršni direktor SEENET-MTP mreže i Kancelarije u Nišu, u ime SEENET-MTP mreže.

CERN i SEENET-MTP su postigli dogovor o saradnji u oblastima od zajedničkog interesa, pre svega u usavršavanju mladih naučnika, razvoju kapaciteta i istraživanjima u fizici visokih energija, fizici čestica, računarskoj fizici i kosmologiji.

SEENET-MTP mreža, osnovana 2003. godine, ima 380 individualnih članova i 14 partnerskih institucija širom sveta. Tokom svog postojanja, ova regionalna mreža je realizovala više od 20 naučnih i obrazovnih projekata iz oblasti fizike i matematike, i organizovala 15 naučnih skupova u zemljama Jugoistočne Evrope. Mreža je finansirala više od 200 kraćih razmena istraživača i obezbedila nekoliko desetina jednomesečnih i višemesečnih stipendija za razmenu studenata između institucija članica i partnera. Kao rezultat saradnje u okvirima mreže, objavljeno je oko 250 naučnih radova u međunarodnim naučnim časopisima, kao i veliki broj Zbornika naučnih skupova, monografija i tematskih izdanja u saradnji sa vodećim svetskim i regionalnim izdavačima.

Potpisani ugovor o saradnji je posebno značajan za dalji razvoj zajedničkog CERN – SEENET-MTP trening programa za studente doktorskih studija (CERN – SEENET-MTP PhD Training Program) za koji se prijavilo i u kome učestvuje oko 90 studenata iz 8 zemalja Balkana i Ukrajine. Dosada su održana tri specijalna programa: *Supergravitacija – Beograd (2015)*, *Moderni aspekti kvantne teorije polja – Bukurešt (2015)* i *Računarske metode u kosmologiji i opštoj teoriji relativnosti – Temišvar (2016)*, koje je pohađalo preko 60 studenata doktorskih studija i nekoliko studenata master studija.

Potpisani ugovor omogućuje stabilniji nastavak ovog programa u 2017. i 2018. godini, i predstavlja osnovu za predloženi sledeći trogodišnji ciklus. Finansijski i tehnički detalji o programu i njegovom proširenju će biti precizirani ankesima glavnog ugovora tokom sledeća 2 meseca. Ugovor je otvoren za druge institucije čije pridruženje se može očekivati tokom godine.

Opširnije o aktivnostima i radu SEENET-MTP se može naći na sajtu Mreže www.seenet-mtp.info, dok se informacije o samom *PhD Training Program* mogu naći na adresi <http://phd.seenet-mtp.info>.

Kraća prezentacija Mreže će biti deo predstojećeg *CERN Masterclass* programa koji će biti održan 17. marta ove godine na Prirodno-matematičkom fakultetu u Nišu.

Kancelarija SEENET-MTP mreže Niš

CERN and SEENET-MTP Network have signed The Cooperation Agreement

It is our pleasure to announce that *The Framework Agreement for Scientific and Technical Collaboration* between CERN and SEENET-MTP Network has reached its conclusion and was officially signed on 6th March 2017.

The Agreement was signed by Professor Gian Giudice, Head of Theoretical Physics Department, on behalf of CERN, and Professor Goran Đorđević, Executive Director of the Network and its Office at Nis, on behalf of the Network.

CERN and SEENET-MTP agreed to collaborate in domains of mutual interest, including in particular in training, capacity building and research in Theoretical High Energy Physics, Particle Physics, Computational Physics and Cosmology.

The Agreement represents a continuation and formalization of the long term cooperation in a new, official form. The Framework Agreement and the accompanying documents should specify and provide a sustainable cooperation materialized in the [CERN – SEENET-MTP PhD Training Program](#), launched in April 2015. Until now about 90 PhD students from 8 countries have already informally enrolled in the program.

The Program was envisioned as a series of intense, self-connected, one-week seminars intended for PhD and advanced MSc students. Each seminar consists of lectures given by professors-experts in the field, from CERN, European institutions and from SEENET-MTP countries. Appropriate exercises given by younger researchers complete the usual program of the topical seminars.

A total of three seminars were held so far, titled “Supergravity – [Belgrade, 2015](#)”, “Modern Aspects of Quantum Field Theory – [Bucharest, 2015](#)” and “Computational Methods in Cosmology and General Relativity – [Timisoara, 2016](#)”. The previous seminars were held with a great success, with a total of 60 students from 8 countries taking part in them.

The Framework Agreement will enable a continuation of the PhD Training Program in 2017 and 2018, as well as a base for the next three-year cycle of the Training Program. The financial details of the Agreement and the Program are to be specified in the annexes to the Agreement.

The main partners in the Program will be [full SEENET-MTP member nodes](#), [other nodes](#) and [partner institutions](#), as well as individual members. Institutions and individuals from 11 SEENET-MTP countries and worldwide are also invited to join the Program.

A number of institutions and organizations across Europe are also invited to join and participate in the Agreement and the Program.

The SEENET-MTP Office welcomes students interested in participating in the Program who are not individual members of the SEENET-MTP yet to join us by filling [the registration form for the Network](#) and/or to express their wish to enroll in the Program by sending an e-mail to info@phd.seenet-mtp.info.

The SEENET-MTP Office – Niš