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SLOVESNA OTVORITEV  
AKADEMSKEGA LETA 2022/2023

Dvorec Lanthieri, 13. oktober 2022



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## Nagovor rektorja Univerze v Novi Gorici prof. dr. Boštjan Golob

Kot običajno se na naši univerzi srečamo ob začetku akademskega leta, ob počititvi novih častnih doktorjev in članov UNG ter najuspešnejših študentk in študentov preteklega leta. Ob začetku novega cikla ustvarjanja novega znanja in podajanja tega novim generacijam.

Kot vsako ima tudi letošnje leto svoje posebnosti. Zaznamuje ga postkovidno obdobje. Današnja častna gosta sprejemata naziva, ki sta bila podeljena leta 2020, študentke in študenti so svoje delo odlično opravili kljub specifičnim zahtevnim razmeram. Obdobje, ki nam omogoča tudi, da se po daljšem času ponovno osebno družimo.

Za univerze in raziskovalne institucije se začena tudi novo obdobje financiranja raziskovalnih aktivnosti. Sistem stabilnega financiranja, ki je rezultat daljšega obdobja dogovarjanja in kompromisov različnih deležnikov. Tudi današnja častna naziva na neki način odražata to obdobje. Odražata pomembnost skupnega dela raziskovalcev in upravljavcev raziskovalne in visokošolske politike. Le ob takem medsebojnem sodelovanju je mogoče napore usmerjati v razvoj.

Podobno kot je bilo za prvo sliko oddaljenega, do takrat še nikoli videnega astronomskega objekta potrebno usklajeno delovanje več opazovalnih naprav in sodobnih računalniških metod, je tudi za dobro delovanje znanstvenega sistema potrebno dobro utečeno kolesje različnih institucij, njihove organizacije in seveda odličnih raziskovalk in raziskovalcev. Ter komplementarnost pri sodelovanju z odličnimi mednarodnimi institucijami, ki jo na UNG posebej skrbno gojimo. Kar ne nazadnje kažeta današnja slavnostna gosta s svojim izjemnim opusom.

Prepričan sem, da z dogovarjanjem in usklajevanjem lahko dosežemo odličen razvoj, razvoj Slovenije kot evropskega centra znanstvenega in visokošolskega dela.

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## Address by the Rector of the University of Nova Gorica, Prof. Dr. Boštjan Golob

*As usual, we meet at our University at the beginning of the academic year to honour the new honorary doctorates and members of the UNG, as well as the most successful students of the past year. At the beginning of a new cycle of creating new knowledge and passing it on to new generations.*

*Like every other year, this year also has its own specific characteristics. It is marked by the post-COVID-19 period, and today's guests of honour are accepting their degrees that were awarded in 2020. The students have done an excellent job despite the particularly challenging circumstances. It's a period that also allows us to reconnect in person after a long time.*

*It is also the start of a new period of research funding for universities and research institutions. It's a stable funding system, which is the result of lengthy negotiations and compromise between various stakeholders. Today's honorary degrees also reflect this period in a way. They reflect the importance of researchers and managers of research and higher education policy working together. Only with such cooperation can efforts be directed towards development.*

*Just as the first image of a distant, never-before-seen astronomical object required the coordinated actions of several observatories and modern computing methods, a well-functioning scientific system requires the cooperation of different institutions, their organisation, and of course, excellent researchers, for it to run like clockwork. And also complementarity in cooperation with excellent international institutions, which the UNG is dedicated to achieving, as also demonstrated by today's guests of honour and their outstanding work.*

*I am convinced that through agreement and coordination, we can achieve excellent development, the development of Slovenia as a European centre of scientific and higher education work.*

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# Alumnus primus in alumnus optimus Univerze v Novi Gorici

## Poslovno-tehniška fakulteta

Dodiplomski študijski program  
Gospodarski inženiring

*alumnus primus*

- **Nino Stanič**

*alumnus optimus*

- **Nino Stanič**

Magistrski študijski program  
Gospodarski inženiring

*alumnus optimus*

- **Irena Subotić**

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# Fakulteta za znanosti o okolju

## Dodiplomski študijski program Okolje

*alumnus primus*

- **Darian Rampih**
- **Katja Belec**

*alumnus optimus*

- **Katja Belec**

## Magistrski študijski program Okolje

*alumnus primus*

- **Tanja Buh**

*alumnus optimus*

- **Tanja Buh**

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# Fakulteta za humanistiko

Magistrski pedagoški študijski program  
Slovenistika

*alumnus optimus*

- Polona Hadalin Baša

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# Fakulteta za naravoslovje

Dodiplomski študijski program  
Fizika in astrofizika

*alumnus primus*

- **Adrián González Briones**

*alumnus optimus*

- **Adrián González Briones**



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# Fakulteta za vinogradništvo in vinarstvo

Dodiplomski študijski program  
Vinogradništvo in vinarstvo

*alumnus primus*

- **Kristjan Mesar**

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# Akademija umetnosti

Dodiplomski študijski program  
Digitalne umetnosti in prakse

*alumnus primus*

- **Luka Carlevaris**

Magistrski študijski program  
Medijske umetnosti in prakse

*alumnus primus*

- **Sagar Gahatraj**
- **Carolina Carqueja e Silveira**
- **Boris Matić**

*alumnus optimus*

- **Boris Matić**

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# Častna naziva Univerze v Novi Gorici

*častni član*

*dr. Salvatore La Rosa*

*častni doktor*

*prof. dr. Heino Falcke*

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## Častni član Univerze v Novi Gorici dr. Salvatore La Rosa

Senat Univerze v Novi Gorici je na seji 11. marca 2020 sklenil, da naziv častni član Univerze v Novi Gorici prejme dr. Salvatore La Rosa za izjemen prispevek k razvoju znanstvene odličnosti Univerze v Novi Gorici in za dosežke v mednarodni znanstveni administraciji.

Kariero dr. Salvatoreja La Rose označuje odličnost ne glede na področje, na katerem se udejstvuje. Po študiju fizike na univerzah v Catanii, Italija, in Wisconsinu, ZDA, je leta 1992 doktoriral in se kot raziskovalec uspešno ukvarjal s fiziko površin, zlasti polprevodnikov in superprevodnikov z uporabo spektroskopije fotoelektronov. Podoktorsko usposabljanje je opravljal na Univerzi v Leuvenu, Belgija, nato pa s štipendijami Marie Curie Evropske komisije še na Univerzi v Catanii in na École polytechnique fédérale de Laussane, Švica. Leta 1997 je postal znanstveni sodelavec prvega razreda na Sinhrotronu v Trstu. V tem obdobju je kot soavtor objavil več kot 50 znanstvenih člankov v mednarodnih revijah s faktorjem vpliva.

Leta 2008 je dr. La Rosa postal nacionalni strokovnjak pri Generalnem direktoratu za raziskave Evropske komisije in s tem zamenjal aktivno raziskovalno delo za strateško načrtovanje evropske raziskovalne politike. Leta 2012 se je vrnil v Italijo kot sekretar na Ministrstvu za izobraževanje, univerze in raziskave, pristojen za povezovanje med visokim šolstvom in raziskavami ter odgovoren za ukrepe Republike Italije glede mednarodnega znanstvenega sodelovanja na območju Sredozemlja. V zadnjem času se je posvečal razvoju Italijanskega nacionalnega raziskovalnega načrta, v okviru katerega je izdelal strategijo povezovanja raziskovalnih in strukturnih skladov ter s tem povezal program Evropskega strateškega foruma za raziskovalno infrastrukturo v Evropi – ESFRI z italijanskimi raziskovalnimi kapacitetami. Postal je delegat ministrstva pri ESFRI in eden izmed ključnih predstavnikov v projektu ERIC.

Dr. La Rosa je z Univerzo v Novi Gorici povezan od leta 1999, ko je sodeloval pri pripravi prvega mednarodnega podiplomskega študijskega programa v Sloveniji s področja karakterizacije materialov ter postal nosilec predmeta

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Fotonske in elektronske spektroskopije. Pomembno je prispeval k pripravi memorandumov o sodelovanju s Sinhrotronom v Trstu, s katerim sta se ustanovi tesno povezali pri izvajanju študija. Tudi po prenehanju poučevanja zaradi prenove študijskega programa je dr. La Rosa ostal povezan z univerzo, zlasti kot svetovalec pri pripravah prijav naših raziskovalcev na razpise okvirnih programov Evropske komisije. Redno spremlja dejavnosti Univerze v Novi Gorici na področju vključevanja v mednarodne projekte, povezane z veliko raziskovalno infrastrukturo. Še posebej je pomemben njegov prispevek pri ustanavljanju konzorcija CTAO ERIC, namenjenega gradnji skupnega evropskega observatorija, Polja Čerenkovih teleskopov – CTA, za raziskave visokoenergijskih kozmičnih gama žarkov, kar je ena izmed raziskovalnih prioritet Univerze v Novi Gorici. Kot prvi predsednik sveta vladnih predstavnikov za ustanovitev tega konzorcija, ki poteka pod vodstvom Italije, je k sodelovanju kot ustanovno članico povabil tudi Republiko Slovenijo.

Dandanes še zmeraj sledi iniciativi Cherenkov Telescope Array in drugim raziskovalnim infrastrukturam panevropskega interesa z drugih zornih kotov, kar mu omogoča njegov trenutni položaj vodje tehničnega sekretariata v kabinetu ministrstva za izobrazbo, univerze in raziskave italijanske republike.

*At its session on 11 March 2020, the Senate of the University of Nova Gorica adopted a decision that the title of the honorary member of the University of Nova Gorica is to be awarded to Dr. Salvatore La Rosa for his outstanding contribution to the development of scientific excellence at the University of Nova Gorica, and achievements in international scientific administration.*

*The career of Dr Salvatore La Rosa reflects his professional excellence, regardless of the specific field of his activities. After studying at the Universities of Catania, Italy, and Wisconsin, USA, he received a PhD in physics in 1992. He focused onto surface property studies of semiconductors and superconductors using photoelectron spectroscopy, first as a postdoctoral fellow at the University of Leuven, Belgium, followed by the Marie Curie fellow positions at the University of Catania and the École polytechnique fédérale de Lausanne, Switzerland. In 1997, he became a research associate first class at the Sincrotrone Trieste, Italy. During this period, he co-authored more than 50 scientific articles in international journals with an impact factor.*

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*In 2008, Dr La Rosa became a seconded national expert at the European Commission's General Directorate for Research and Innovation, thus shifting from active research to strategic planning of European research policies. In 2012, he was appointed as a scientific attaché and research policy developer at the Italian Ministry of Education, Universities and Research, tasked to provide a link between higher education and research, and to coordinate the international scientific cooperation activities of Italy in the Mediterranean region. Recently, he focused on the development of the Italian National Research Plan, where he devised a strategy for integrating research and structural funds, linking the programme of the European Strategic Forum for Research Infrastructure (ESFRI) with Italian research funding capabilities. He became a delegate of the Ministry to ESFRI, and one of the key representatives in the formation of European Research Infrastructure Consortia (ERIC).*

*Dr La Rosa's collaboration with the University of Nova Gorica began in 1999, when he joined the efforts to start the first international graduate study programme for material characterisation in Slovenia. In addition to preparing and teaching the course on photon and electron spectroscopy, he played an important role in setting up a formal memorandum of cooperation between the University and the Sincrotrone, which served as the cornerstone for joint academic activities. Although his direct involvement in teaching ended in 2007, after introducing major conceptual changes to the graduate physics programme, Dr La Rosa maintained a strong link to the University as a consultant regarding the applications to funding calls of the European Commission's Framework Programmes. Today, he is following the UNG research activities related to large international research infrastructures, such as the study of the universe with very high energy gamma rays. Due to his efforts, the Republic of Slovenia was invited to participate in the construction of the next generation ground-based observatory for gamma-ray astronomy at very-high energies – the Cherenkov Telescope Array – as a founding member, which presents a great opportunity for us to participate as equal partners in this vibrant and exciting field of science.*

*Today, he is still following the Cherenkov Telescope Array initiative and other Research Infrastructures of pan-European interest from other angle allowed by his actual position as Head of the Technical Secretariat in the Cabinet of the Italian Ministry for University and Research.*

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Častni doktor Univerze v Novi Gorici  
– *doctor honoris causa* –  
prof. dr. Heino Falcke

Senat Univerze v Novi Gorici je na seji 11. marca 2020 sklenil, da naziv častni doktor Univerze v Novi Gorici – *doctor honoris causa* – prejme prof. dr. Heino Falcke za izjemne znanstvene dosežke na področju astrofizike.

Profesor Falcke je študiral fiziko na univerzah v Kölnu in Bonnu v Nemčiji. Z odliko je doktoriral leta 1994 na Univerzi v Bonnu, po študiju pa je kot raziskovalec delal na Inštitutu Maxa Plancka za radijsko astronomijo v Bonnu ter na univerzah Maryland in Arizona v Združenih državah Amerike. Leta 2007 je postal redni profesor za področje radijske astronomije in astrofizike na Univerzi Radboud na Nizozemskem in se vključil v delo Nizozemskega inštituta za radijsko astronomijo. Prodornost njegovih raziskovalnih idej je leta 2008 prepoznal Evropski raziskovalni svet in mu podelil veliki projekt ERC AdG za razvoj radijskega teleskopa LOFAR, s katerim je mogoče določati lastnosti in delčno sestavo visokoenergijskih kozmičnih delcev, ki zadevajo zemeljsko površje. Leta 2013 je prejel ERC Synergy projekt za razvoj kamere za slikanje horizonta dogodkov črne luknje.

Njegove revolucionarne raziskave, ki so omogočile neposredno slikanje pojavov v bližini horizonta dogodkov supermasivnih črnih luknj s kotno ločljivostjo, primerljivo samemu horizontu dogodkov, so prispevale k opisu oziroma potrditvi opisa dinamike gibanja snovi v bližini črne luknje – pretakanja snovi v črno luknjo in iz nje ter akrecije snovi. Omogočajo tudi študij splošne teorije relativnosti v območju močnega gravitacijskega polja in dajejo vpogled v druge fundamentalne fizikalne pojave, povezane s črnimi luknjami. Prvotne raziskave se danes nadaljujejo v okviru mednarodne kolaboracije Event Horizon Telescope, ki združuje radioteleskope po svetu v globalni interferometer. Profesor Falcke je kot predsednik znanstvenega sveta EHT leta 2019 javno naznanil, da je kolaboraciji uspelo posneti sliko aktivnih področij supermasivne črne luknje v središču galaksije M87 v jati galaksij v Devici z visoko

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ločljivostjo. V prihodnje bo kolaboracija EHT kakovost slik še izboljšala, saj bo imel EHT z namestitvijo novih sistemov ekstremno kotno ločljivost, na skrajni meji mogočega za napravo, ki je na Zemlji.

Za svoje dosežke je profesor Falcke leta 2000 prejel nagrado Ludwiga Biermanna Nemškega astronomskega združenja ter leta 2006 nagrado akademije znanosti in umetnosti Berlin-Brandenburg. Leta 2011 je prejel najvišjo nizozemsko državno nagrado (Spinozovo nagrado), od leta 2014 naprej pa je član Kraljeve nizozemske akademije znanosti in umetnosti. Poleg dela v kolaboracijah LOFAR in EHT je profesor Falcke aktiven tudi v kolaboracijah Square Kilometer Array na področju radijske astronomije, Observatorij Pierre Auger na področju astronomije s kozmičnimi delci ekstremnih energij, v sodelovanju z Evropsko vesoljsko agencijo pa se ukvarja tudi z možnostjo izvedbe astrofizičnih raziskav z Luninega površja.

*At its session on 11 March 2020, the Senate of the University of Nova Gorica adopted a decision that the title of honorary doctor of the University of Nova Gorica - doctor honoris causa - is to be awarded to Prof. Dr. Heino Falcke for his outstanding scientific achievements in the field of astrophysics.*

*Professor Falcke studied physics at the University of Cologne and the University of Bonn in Germany. After receiving a doctoral degree summa cum laude from the University of Bonn in 1994, he pursued his research at the Max Planck Institute for Radio Astronomy in Bonn, as well as at the University of Maryland and the University of Arizona in the USA. In 2007, he became a full professor of radio astronomy and astroparticle physics at the Radboud University Nijmegen, the Netherlands, and a senior scientist at the Netherlands Institute for Radio Astronomy. The scientific potential of Professor Falcke's ideas was recognised in 2008 by the European Research Council, as he received an Advanced Research Grant for the development of the LOFAR radio telescope, with the capability to perform a number of fundamental new studies of the Universe, ranging from deep extragalactic surveys, to the study of ultra-high-energy cosmic particles reaching the Earth. In 2013, he received a prestigious ERC Synergy grant for the development and construction of a "black hole camera".*



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*The implementation of the “black hole camera” concept made it possible to image event horizons of supermassive black holes for the first time, with an unprecedented angular resolution, and thus to observe objects close to the black hole of the size of the event horizon itself. This allows not only for direct investigation of matter dynamics in the vicinity of a black hole, such as the accretion flows, but also makes it possible to test Einstein's general theory of relativity in a strong gravitational field. Professor Falcke's research on black holes culminated in the Event Horizon Telescope project, an international collaboration bringing together a global network of radio telescopes into a very-long-baseline interferometer. As the chair of the EHT Science Council, Professor Falcke announced in 2019 that the project managed to create an image of the Sagittarius A\* black hole at the centre of the Milky Way, and the M87 at the centre of the Virgo A galaxy. In the future, EHT plans to further improve its resolution by adding new telescopes to the array, and by taking shorter-wavelength observations.*

*For his achievements, Professor Falcke has received a number of prizes and distinctions. He won the Ludwig Biermann Award for young astronomers from the German Astronomical Society in 2000, and the Academy Prize from the Berlin-Brandenburg Academy of Sciences and Humanities in 2006. In 2011, he was awarded the highest scientific award in the Netherlands, the Spinoza Prize, and he became a member of the Royal Netherlands Academy of Arts and Sciences in 2014. In addition to his involvement with LOFAR and EHT collaborations, Professor Falcke also contributes to the Square Kilometre Array collaboration in the field of radio astronomy, and to the Pierre Auger collaboration in the field of astronomy with ultra-high cosmic particles. His recent activities with the European Space Agency are oriented towards the construction of a radio telescope array on the Moon, and its use for the investigation of the early universe.*





