



SVEČANA OTVORITEV
AKADEMSKEGA LETA 2016/2017

Dvorec Lanthieri, 13. oktober 2016

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Alumnus primus in alumnus optimus Univerze v Novi Gorici

Poslovno-tehniška fakulteta

Študijski program druge stopnje
Gospodarski inženiring

alumnus primus

- **Mariam Parekhelashvili**

Študijski program druge stopnje
Gospodarski inženiring

alumnus optimus

- **Johannes Vuga Gregorič**

Fakulteta za znanosti o okolju

Študijski program prve stopnje Okolje

alumnus optimus

- **Tine Bizjak**

Študijski program prve stopnje Okolje

alumnus primus

- **Sandra Dukić**

Fakulteta za humanistiko

Študijski program prve stopnje Slovenistika

alumnus primus

- **Lara Brankovič**

Študijski programi druge stopnje Slovenistika

alumnus optimus

- **Vesna Plesničar**

Fakulteta za naravoslovje

Študijski program prve stopnje Fizika I. stopnje

alumnus primus

- **Gregor Mrak**

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Študijski program druge stopnje Fizika II. stopnje

alumnus primus

- **Hovhannes Demirtshyan**

alumnus optimus

- **Hovhannes Demirtshyan**

Visoka šola za umetnost

Študijski program prve stopnje Digitalne umetnosti in prakse

alumnus primus

- **Ester Ivakič**

alumnus optimus

- **Nika Lemut**

Študijski program druge stopnje Medijske umetnosti in prakse

alumnus optimus

- **Valerija Zabret**

Častni nazivi in priznanja Univerze v Novi Gorici

zaslužni profesor
prof. dr. Stanko Strmčnik

častni član
prof. dr. William E. Eichinger

zlata plaketa
prof. dr. Matjaž Klemenc

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Zaslужni profesor Univerze v Novi Gorici – *professor emeritus* – prof. dr. Stanko Strmčnik

Senat Univerze v Novi Gorici je na seji 6. julija 2016 sklenil, da naziv zaslužni profesor Univerze v Novi Gorici – *professor emeritus* – prejme prof. dr. Stanko Strmčnik za pomemben prispevek k razvoju znanstvene dejavnosti ter vzorno opravljanje pedagoškega in mentorskega dela.

Dr. Stanko Strmčnik se uvršča med najvidnejše slovenske strokovnjake s področja avtomatskega vodenja sistemov, velik ugled pa ima tudi v mednarodnem prostoru. Poznan je kot glavni kreator ideje o celostnem pristopu k načrtovanju sistemov vodenja. Vizionarско je presegel dolgo uveljavljene poglede, ki so načrtovanje vodenja dojemali zgolj kot problem matematičnega programiranja. Danes je širši, holistični pristop k snovanju in graditvi sistemov vodenja široko prepoznan in uveljavljen tudi po zaslugi profesorja Stanka Strmčnika.

Njegova bibliografija je obsežna in raznolika. Med drugim obsega 65 znanstvenih člankov, 18 strokovnih in poljudnih člankov, 176 objavljenih predavanj na konferencah in 14 poglavij v znanstvenih monografijah. Hkrati je soavtor več kot 100 elaboratov in dveh patentnih prijav. Opus profesorja Strmčnika potrjuje njegovo prepričanje, da mora biti odlična znanost sposobna odgovarjati na sodobne izzive v industrijski praksi v obliki novih tehnologij, izdelkov in storitev. Na tem je gradil tudi kot utemeljitelj in dolgoletni vodja Odseka za sisteme in vodenje na Institutu Jožef Stefan.

Profesor Stanko Strmčnik je močno povezan z Univerzo v Novi Gorici. Od leta 1999 pa vse do letos je svoje znanje posredoval študentom Poslovno-tehniške fakultete, za katere je zelo pomembno, da imajo stik z vrhunskimi poznavalci razmer v industriji. Predaval je Osnove avtomatskega vodenja, vendar pa njegov prispevek močno presega raven posameznega predmeta. S svojo temeljitostjo, hkrati pa z izjemnim smislom za povezovanje teorije in prakse, je prof. Strmčnik pri številnih generacijah študentov postavljал trdne temelje za njihov inženirski poklic. Hkrati jim je kot predavatelj in mentor dajal zgled zavezanosti najvišjim profesionalnim kriterijem.

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Stanko Strmčnik je bil eden od prvih snovalcev tehniških vsebin v študijskih programih na Poslovno-tehniški fakulteti Univerze v Novi Gorici. Dragocen je tudi njegov dolgoletni prispevek k delu senata omenjene fakultete in Senata Univerze v Novi Gorici, kjer je vedno deloval povezovalno in konstruktivno.

Njegova zavzetost ni niti malo popustila, ko se je odločil pedagoško delo prepuščati mlajšim sodelavcem. Letos jeseni je/bo pri založbi Univerze v Novi Gorici izšel učbenik v obsegu 450 strani, ki ga je napisal skupaj s sodelavcem. To daje dodatno težo in trajnost njegovemu pedagoškemu prispevku.

Profesor Stanko Strmčnik je dosegel odlične rezultate na raziskovalnem in pedagoškem področju. Sodeloval je pri postavljanju temeljev delovanja Univerze v Novi Gorici na področju tehnike ter z dolgoletnim vzornim delom pomembno prispeval k njenemu razvoju.

In its session of 6 July 2016, the Senate of the University of Nova Gorica agreed to confer the title of professor emeritus of the University of Nova Gorica upon Prof. Dr. Stanko Strmčnik for his significant contribution to the development of scientific activities and his remarkable performance as professor and mentor.

Dr. Stanko Strmčnik is one of the most prominent Slovenian experts in automatic system control and has a high reputation in the international professional community. He is known as the main creator of the idea of an integrated approach to the design of control systems. In a visionary manner, he exceeded the well-established views that considered control only as an issue of mathematical programming. Today, the broader holistic approach to the design and assembly of control systems has been widely recognised and established thanks also to Professor Stanko Strmčnik.

His bibliography is extensive and diverse. It contains 65 scientific articles, 18 technical and popular articles, 176 published conference lectures, 14 chapters in scientific monographs, etc. He is also a co-author of more than 100 expert reports and 2 patent applications. Professor Strmčnik's works confirm his beliefs that excellent science should be able to respond to modern industrial challenges in the form of new technologies, products and services. These were also the foundations for his role as a founder and long-standing Head of Department of Systems and Control at the Jožef Štefan Institute.

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Professor Stanko Strmčnik is strongly connected with the University of Nova Gorica. From 1999 until this year, he was passing his knowledge on to students of the School of Engineering and Management, as it was very important that they were in contact with top experts on the situation of the industry. He taught the course entitled Introduction to Control Systems, but his contribution significantly exceeded the level of an individual course. His thoroughness and extraordinary sense of linking theory and practice enabled Prof. Strmčnik to provide many generations of students with solid foundations for their engineering career. As a lecturer and mentor, he set an example of commitment to the highest professional criteria.

Stanko Strmčnik was one of the first to develop engineering courses for the study programmes of the School of Engineering and Management, University of Nova Gorica. His long-standing contribution to the work of the Senate of the School of Engineering and Management and to the Senate of the University of Nova Gorica is particularly valuable, as his work was always cohesive and constructive.

His enthusiasm did not wear off even when he decided to pass on his teaching responsibilities to his younger colleagues. This autumn, a 450 page textbook he co-authored was/will be published by the University of Nova Gorica. This additionally strengthens his educational contribution.

Professor Stanko Strmčnik achieved excellent results in both research and teaching. He helped lay the foundations for the University of Nova Gorica in engineering and greatly contributed to the development of the University through his long-standing exemplary work.

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Častni član Univerze v Novi Gorici prof. dr. William E. Eichinger

Senat Univerze v Novi Gorici je na seji 6. julija 2016 sklenil, da priznanje častni član Univerze v Novi Gorici prejme prof. dr. William E. Eichinger za izjemen prispevek k razvoju znanstvene odličnosti Univerze v Novi Gorici na področju atmosferskih raziskav.

Profesor Eichinger je svetovno priznan strokovnjak na področju lidarske tehnologije, daljinskega zaznavanja atmosfere in raziskav fizikalnih procesov v prizemni mejni plasti. S Centrom za raziskave atmosfere Univerze v Novi Gorici aktivno raziskovalno sodeluje od njegove ustanovitve leta 2004. Vedno nam je bil pripravljen priskočiti na pomoč, tako s svojim znanjem in izkušnjami kot tudi z materialno podporo, s čimer je bistveno prispeval k našemu uspešnemu razvoju in prepoznavnosti. Konkretna prispevka profesorja Eichingerja k znanstveni odličnosti Univerze v Novi Gorici sta strokovna pomoč pri razvoju naših lidarskih sistemov ter skupna izvedba raziskav atmosferskih struktur.

Mobilni fluorescentni lidar, pri razvoju katerega je sodeloval, je od leta 2010 eno izmed najpomembnejših raziskovalnih orodij Centra za raziskave atmosfere. V uporabi je praktično ves čas, tako v raziskovalne kot v pedagoške namene, omogoča pa nam raziskave atmosferskih pojavov, kot so razširjanje onesnaževal iz lokalnih izvorov, transport aerosolov na velike razdalje ter študij atmosferskih struktur.

V zadnjih dveh letih je profesor Eichinger še posebej dejaven pri proučevanju periodičnih atmosferskih struktur, ki v določenih vremenskih pogojih spremljajo pojav burje. Na podlagi skupnih raziskav, izvedenih v Ajdovščini leta 2015, smo leta 2016 v mednarodni znanstveni reviji *Journal of Quantitative Spectroscopy and Radiative Transfer* objavili članek z naslovom *Lidar measurements of Bora wind effects on aerosol loading*, v katerem prvič v Sloveniji karakteriziramo pojav Kelvin-Helmholzovih valov v atmosferi.

Profesor Eichinger sodeluje tudi pri razvoju in izgradnji Ramanskega in polarizacijskega lidarja, ki bo omogočal neprekinjene meritve višinskih profilov vsebnosti aerosolov in vodne pare ter določitev morfologije sipalcev do višine

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nekaj deset kilometrov nad površjem. Novi lidar bo predvidoma začel delovati v začetku leta 2017 v Ajdovščini. Poleg skupnega razvoja je profesor Eichinger za naš lidar priskrbel tudi teleskop za povratno sipano svetlobo in posebne mehanske komponente, ki jih je Univerzi v Novi Gorici podaril njegov laboratorij na Univerzi v Iowi.

Dosedanje sodelovanje, ki je potekalo v okviru bilateralnih raziskovalnih projektov, je omogočilo tako pridobivanje izkušenj sodelavcev Univerze v Novi Gorici pri lidarski instrumentaciji in terenskih raziskavah v Sloveniji kot tudi raziskovalno delo štirih naših doktorskih študentov v laboratoriju profesorja Eichingerja v ZDA. V letu 2017 bo sodelovanje še intenzivnejše, saj bo profesor Eichinger pet mesecev preživel v Ajdovščini in se v celoti posvetil raziskavam v okviru Centra za raziskave atmosfere, kar bo finančno v celoti podprla v ta namen pridobljena Fullbrightova štipendija.

In its session of 6 July 2016, the Senate of the University of Nova Gorica agreed to award Prof. Dr. William E. Eichinger the title of an honorary member of the University of Nova Gorica for his outstanding contribution to our scientific excellence in the field of atmospheric research.

Professor Eichinger is a world-renowned expert of atmospheric remote sensing, focusing his research on the investigation of physical processes in the planetary boundary layer. He has been actively cooperating with the Center for atmospheric research since its establishment in 2004. His help, knowledge and experience, as well as his donations of research equipment, have significantly contributed to the successful growth and visibility of our Center. The development of our lidar systems and joint research of atmospheric structures were greatly enhanced due to his support.

He participated in the design of our mobile fluorescence lidar, which has been one of the Center's most important research tools since 2010. This equipment is in constant use, providing both scientific data and hands-on experience for our students, allowing them to become acquainted with various atmospheric phenomena, such as the propagation of pollutants from local sources, long-distance aerosol transport and variability of atmospheric structures.

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For the last two years, Professor Eichinger has been especially active in the investigation of the appearance of periodic atmospheric structures occurring under certain weather conditions during Bora wind episodes. In 2015, joint research carried out in Ajdovščina led to the first experimental observation of atmospheric Kelvin-Helmholz waves in Slovenia. The results were published in the Journal of Quantitative Spectroscopy and Radiative Transfer in 2016 as a paper entitled Lidar Measurements of Bora Wind Effects on Aerosol Loading.

Professor Eichinger is currently involved in the joint development and construction of a new polarisation and Raman lidar. This device, which is expected to begin its operation in early 2017 in Ajdovščina, will have the capability to continuously monitor vertical aerosol loading and water vapor concentration profiles, as well as identify the morphology of scatterers up to tens of kilometers above the surface. In addition to his contribution to the apparatus design, the telescope for the detection of back-scattered light as well as custom-made mechanical components were donated to the University of Nova Gorica by his laboratory at the University of Iowa.

Our scientific collaboration, which provided the University of Nova Gorica students and staff the opportunity to gain experience in lidar instrumentation and remote sensing techniques, was funded through several bilateral research projects. Four of our PhD students completed part of their research work under Professor Eichinger's supervision at the University of Iowa. In 2017, Professor Eichinger will be visiting the Center for atmospheric research as a Fulbright scholar, further deepening our already fruitful collaboration.

Zlata plaketa Univerze v Novi Gorici prof. dr. Matjaž Klemenc

Upravni odbor Univerze v Novi Gorici je na seji 7. septembra 2016 sklenil, da priznanje zlata plaketa Univerze v Novi Gorici prejme prof. dr. Matjaž Klemenc za pomembne zasluge pri razvoju znanstveno-pedagoške infrastrukture Univerze v Novi Gorici.

Prim. prof. dr. Matjaž Klemenc, dr. med., je specialist internist in specialist kardiovaskularne medicine, zaposlen v Splošni bolnišnici Franca Derganca v Šempetru pri Gorici, kjer je bil od junija 2001 do oktobra 2007 predstojnik internistične službe. Velik del svoje kariere je posvetil raziskovalnemu delu na področju kardiologije, ki ga je začel z doktorsko disertacijo *Aktivnost avtonomnega živčnega sistema in diastolična disfunkcija levega prekata pri mladih hipertonicih*. Po doktoratu je nadaljeval z raziskavami na področju diastolične funkcije levega prekata pri različnih boleznih srca. V sodelovanju z raziskovalci Fakultete za računalništvo in informatiko Univerze v Ljubljani je sestavil računalniško vodeno napravo za analizo sprememb hitrosti krvi v arterijah, kar sedaj uporabljajo pri študiju elastičnosti žil pri hipertonicih. Sodeloval je pri projektu uporabe tehnologije nevronske mreže pri napovedovanju razvoja koronarne bolezni in pri izdelavi programa za simulacijo gibanja krvi in izračun raznih hemodinamskih parametrov v levem prekatu.

Leta 2000 ga je Zdravniška zbornica Slovenije imenovala za glavnega mentorja za področje interne medicine. Od leta 2005 je član Evropske zveze za hipertenzijo. Marca 2007 je po večletnih pripravah opravil prvi interventni poseg na koronarnih arterijah v matični bolnišnici. Do danes je bilo opravljenih že več kot 3000 posegov. V letu 2009 je gostoval kot specialist kardiolog na Texas Heart Institute v Houstonu v ZDA. Leta 2012 je bil imenovan za specialista za kardiologijo in vaskularno medicino. Leta 2015 je bil izvoljen v naziv izrednega profesorja na katedri za interno medicino Medicinske fakultete Univerze v Ljubljani, kjer je tudi mentor študentom medicine, ki za svoja dela prejemajo najvišja državna priznanja.

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Z Univerzo v Novi Gorici prim. prof. dr. Matjaž Klemenc, dr. med., tesno sodeluje že vrsto let. V nedavno uspešno zaključenem projektu čezmejnega sodelovanja z Republiko Italijo TRANS2CARE je sodeloval pri prenosu visokih tehnologij iz laboratorijev do uporabnika v zdravstvu. Izjemno pomemben je njegov prispevek k obogatitvi študijskega programa Fizika in astrofizika, saj je leta 2010 dal pobudo in izpeljal prenos dveh vrhunskih instrumentov za ultrazvočno diagnostiko na Univerzo v Novi Gorici. Ocenjena vrednost instrumentov je 150.000 evrov. Usposobil ju je za pedagoško delo in z njima redno izvaja praktične vaje s področja širjenja ultrazvočnih valov za dodiplomske študente, kar je edinstven primer v širšem visokošolskem prostoru.

In its session of 7 September 2016, the Governing Board of the University of Nova Gorica agreed to award Prof. Dr. Matjaž Klemenc a golden plate of the University of Nova Gorica for his exceptional contribution to the development of the scientific and educational infrastructure of the University of Nova Gorica.

Prof. Dr. Matjaž Klemenc, MD is a specialist in internal and cardiovascular medicine working at the Franc Derganc General Hospital in Šempeter pri Novi Gorici, where he was also the Head of Internal Medicine Service from June 2001 to October 2007. He dedicated a large part of his career to research in cardiology, starting with his doctoral dissertation entitled Activity of the Autonomic Nervous System and Diastolic Dysfunction of the Left Ventricle in Young Hypertensive Patients. After receiving his doctorate, he continued his research on the diastolic function of the left ventricle in various heart diseases. In cooperation with the researchers from the Faculty of Computer and Information Science, University of Ljubljana, he assembled a computer-controlled device for analysis of changes in blood flow in arteries, which is now used to study blood vessel elasticity in hypertensive patients. Moreover, he participated in the project of using neural network technology to predict the development of coronary artery disease and to design a program for stimulating blood flow and calculating different hemodynamic parameters in the left ventricle.

In 2000, the Medical Chamber of Slovenia appointed him as chief mentor in internal medicine. In 2005, he became a member of the European Society of Hypertension. After years of preparation, he carried out the first coronary artery intervention in his home hospital in March 2007. More than 3,000 such interventions have been

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performed to date. In 2009, he worked as a visiting specialist in cardiology at the Texas Heart Institute in Texas, USA. In 2012, he was named a specialist in cardiology and vascular medicine. In 2015, he was elected as Associate Professor in the Department of Internal Medicine at the Faculty of Medicine, University of Ljubljana, where he is also a mentor for medical students who are receiving the highest national awards for their works.

Prof. Dr. Matjaž Klemenc, MD has been working closely with the University of Nova Gorica for many years. He participated in a recently completed project of cross-border cooperation with the Italian Republic, TRANS2CARE, working in the field of transferring high technologies from the laboratories to the users in the health sector. His contribution to the enrichment of the Physics and Astrophysics study programme is also extremely important. In 2010, he initiated and carried out the transfer of two sophisticated ultrasound diagnostics instruments of an estimated value of 150,000 EUR to the University of Nova Gorica. After preparing them for educational purposes, he has been regularly using the instruments during tutorials for undergraduate students on the dissemination of ultrasonic waves, which is a unique example in the wider higher education environment.

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Zlati donator Fundacije Univerze v Novi Gorici prof. Oskar Kogoj

Prof. Oskar Kogoj je v letu 2014 Fundaciji Univerze v Novi Gorici izročil v trajno last 20 umetniških fotografij prof. Italo Zanniera iz leta 1947, ki so bile narejene za knjigo »Spacal in Kras« z avtorji Zoran Kržišnik, Oskar Kogoj in Italo Zanniere v skupni vrednosti 10.000 eurov.

In 2014, professor Oskar Kogoj gave the University of Nova Gorica's Foundation permanent ownership of 20 artistic photographs of Prof. Italo Zanniere from the year 1947. They were made for the book »Spacal and the Karst«. This was a collaboration of the authors Zoran Kržišnik, Oskar Kogoj and Italo Zanniere. The photographs are worth 10,000 EUR.

