



Priznanja Univerze v Novi Gorici

Častni doktor
Prof. dr. Satya N. Atluri

Zaslužni profesor
Akad. prof. dr. Andrej Kranjc

Zlata plaketa
Prof. dr. Bogdan Glumac

Alumnus Primus
Matej Štokelj, Lilijana Piščanec, Urša Papler,
Kristina Ivšič, Nika Gregorič

Alumnus Optimus
Marijan Kerševan, Matej Štokelj,
Aleksander Boškin, Lilijana Piščanec,
Urša Papler, Kristina Ivšič, Nika Gregorič

Zemona, 22. oktober 2009

Častni doktor (Doctor Honoris Causa) Univerze v Novi Gorici

Prof. dr. Satya N. Atluri

Senat Univerze v Novi Gorici je na seji 16. septembra 2009 sklenil, da priznanje Častni doktor Univerze v Novi Gorici - Doctor Honoris Causa prejme prof. dr. Satya N. Atluri, v znak priznanja za izjemne dosežke pri razvoju računalniške mehanike.

Prof. dr. Satya N. Atluri, direktor Centra za letalske in vesoljske raziskave ter izobraževanje na Univerzi v Kaliforniji - Irvine je diplomiral in magistriral na Univerzi v Bangalore, Indija ter leta 1969 doktoriral na MIT v ZDA. Tako njegovo magistrsko kot tudi doktorsko delo sta bili nagrajeni kot izjemni in sta predstavljali popotnico v impresivno znanstveno kariero, ki se zrcali v avtorstvu več kot 700 znanstvenih člankov, avtorstvu ali uredništvu okoli petdeset znanstvenih knjig ter v mentorstvu okoli tristo podiplomskim študentom in podoktorskim raziskovalcem ter umestitvijo med sto največ citiranih avtorjev vseh področij tehnike.

Prof. dr. Satya N. Atluri se je nekako do konca devetdesetih ukvarjal pretežno z razvojem metod končnih in robnih elementov za področje elastičnosti, hipereleastičnosti, mehanike utrujanja in loma, biomehanike in mehanike tekočin. Eden izmed njegovih bistvenih dosežkov s tega obdobja je razvoj teorije in uporabe povezanih simulacij na mikroskopskem nivoju z makroskopskim merilom, kar je odprlo pot na primer projektnemu računalniškemu simuliranju staranja letal in trdnosti ter zanesljivosti tlačnih posod jedrskih reaktorjev. V drugem obdobju pa je bistveno in pionirsko prispeval k razvoju brez mrežnih numeričnih metod z razvojem lokalne Petrov - Galerkinove metode. Omenjeno področje je bilo leta 2004 spoznano za tretje najhitreje razvijajoče se področje med stoosmimi s področja računalništva. Njegovi nazorni in sistematični učbeniki, ki jih uporabljajo tudi naši študentje, predstavljajo klasična pedagoška dela s področja računalniške mehanike.

Prof. dr. Satya N. Atluri je član šestih znanstvenih akademij (ZDA, Indija, Evropa, Ukrajina, Koreja in Tretji svet s sedežem v Trstu). Za svoje delo je prejel okoli dvajset prestižnih nagrad in priznanj v ZDA, številnih drugih državah in mednarodno.

Je posebej pomemben in dejaven na področju povezovanja naravoslovja in tehnike. V ta namen je ustanovil mednarodni forum za računalniško inženirstvo in znanosti ICCES, ki vsakoletno organizira mednarodno srečanje, na katerem so prisotni tudi številni slovenski raziskovalci. Poleg tega je zasnoval in ustanovil pet mednarodnih revij, mejnih med obema področjema, med drugim revijo Computer Modeling in Engineering & Sciences, ki sodi v sam vrh revij s področja interdisciplinarnega inženirstva. Letos je v sodelovanju z Univerzo v Novi Gorici v Sloveniji organiziral odmevni mednarodni simpozij o brez mrežnih metodah.

Prof. dr. Satya N. Atluri je zaradi svojih raziskovalnih dosežkov ter povezovalnih dejavnosti, tako s stališča znanosti kot tudi kultur, svetovno znan in priznan. S podelitvijo tega častnega doktorata naša Univerza utrdjuje svojo usmerjenost v raziskovalno in izobraževalno odličnost na naravoslovno - tehničnem področju.

The Senate of the University of Nova Gorica concluded at a meeting held on September 16th, 2009 that the title Doctor Honoris Causa of the University of Nova Gorica will be given to Prof. Dr. Satya N. Atluri, as a sign of recognition of his exceptional scientific and expert achievements in the field of the development and use of computational mechanics.

Professor Atluri, Director of the Center for Aerospace Research and Education at the University of California – Irvine, graduated and obtained his master's thesis at the Bangalore University, India, and in 1969 obtained a doctorate at MIT in the USA. Both his master's and his doctoral thesis were rewarded as exceptional and represented a foundation for an impressive scientific career, which is reflected in the authorship of over 700 scientific articles, the authorship or editorship of some fifty scientific books, and in the mentorship to approximately three hundred undergraduate students and postdoctoral researchers, and in the ranking among the hundred most quoted authors from all the fields of technical science.

Until the end of the Nineties, Professor Atluri handled mostly the development of finite and boundary element methods for elasticity, hyperelasticity, fatigue and fracture mechanics, biomechanics and fluid mechanics. One of his fundamental achievements from this period is the development of the theory and use of connected simulations at a microscopic level with a macroscopic scale, which opened up the path, for instance, for the design computer simulations of the

ageing of aircrafts, and the strength and reliability of the pressure vessels of nuclear reactors. Afterwards, he contributed fundamentally and in a pioneer way to the development of meshless numerical methods with the establishment of the local Petrov-Galerkin method. The mentioned field was recognised in 2004 as the third fastest developing field among the hundred and eight from the area of computer science. His clear and systematic textbooks, which are also used by our students, represent classic educational works in the field of computational mechanics.

Professor Atluri is a member of six scientific academies (USA, India, Europe, Ukraine, Korea, and Third World Academy of Sciences established in Trieste). For his work he has received some twenty prestigious awards and acts of recognition in the USA, numerous other countries, and internationally.

He is particularly important and active in the field of connecting sciences and engineering. For this purpose he has established ICCES, an international forum for computational engineering and sciences, which annually organises an international meeting, at which numerous Slovenian researchers are also present. In addition, he has designed and started five international journals, which border on both fields, among others the Computer Modeling in Engineering & Sciences, which belongs to the very top of professional journals in the field of interdisciplinary engineering. This year, in cooperation with the University of Nova Gorica, he has organised in Slovenia a striking international symposium on meshless methods.

Due to his research achievements and connecting activities, both from the point of view of science as well as of cultures, Professor Atluri is known and renowned all over the world. By awarding this honorary degree, our University is strengthening its orientation towards research and educational excellence in the sciences and engineering.

Zaslужni profesor (Professor Emeritus) Univerze v Novi Gorici Akad. prof. dr. Andrej Kranjc

Senat Univerze v Novi Gorici je na seji 16. septembra 2009 sklenil, da priznanje Zaslужni profesor- Professor Emeritus prejme akad. prof. dr. Andrej Kranjc za dolgoletno sodelovanje in prispevek k razvoju znanstvene dejavnosti ter vzorno opravljanje pedagoškega in mentorskega dela.

Akad. prof. dr. Andrej Kranjc je svoje znanstvenoraziskovalno delo posvetil speleologiji in raziskovanju krasa. Je eden najuglednejših raziskovalcev krasa v svetovnem merilu, kar izkazuje tako njegova obsežna znanstvena in strokovna bibliografija, ki šteje preko 1000 enot, kot tudi njegovo aktivno delovanje v številnih strokovnih združenjih. Poleg tega je s sodelavci organiziral več mednarodnih simpozijev. Uredil je več monografij, je član uredniških odborov domačih in tujih strokovnih revij in monografij ter odgovorni urednik krasoslovne revije *Acta Carsologica*.

Akad. prof. dr. Andrej Kranjc se je raziskovalno ukvarjal predvsem s fizično speleologijo in krasoslovjem, v zadnjem času pa se vedno bolj posveča ekološkim vprašanjem krasa in varstvu kraškega okolja, posebej naravnega spomenika Škocjanskih jam, ter zgodovini krasoslovja, speleologije in raziskav našega krasa. Objavil je več regionalnih speleoloških in krasoslovnih študij (kras na Kočevskem, na Dolenjskem, v Julijskih Alpah) ter študij o recentnih fluvialnih sedimentih v jamah in o vplivu človeka na njihovo odlaganje. Veliko njegovih objav je posvečenih Škocjanskim jamam, zgodovini raziskovanja krasa na Slovenskem in razvoju zamisli o krasu, njegovem nastanku in procesih, ki ga oblikujejo. Doma in v tujini je objavil več prispevkov o zgodovini krasoslovja na Slovenskem, predvsem o Valvasorju in Hacquetu.

V okviru strokovnih izmenjav ter študijskih potovanj je spoznaval kras po Evropi, Afriki, Ameriki, Avstraliji in Aziji.

Akad. prof. dr. Andrej Kranjc je prejemnik številnih mednarodnih priznanj. Od leta 2001 je redni član Slovenske akademije znanosti in umetnosti ter od leta 2008 tudi njen glavni tajnik.

Akad. prof. dr. Andrej Kranjc aktivno sodeluje z Univerzo v Novi Gorici od leta 2003, ko je bil imenovan za vodjo Šole za krasoslovje. Posebej velja izpostaviti njegova prizadevanja in zasluge za ustanovitev Šole za krasoslovje na Univerzi v Novi Gorici, nič manj pomemben pa je tudi njegov prispevek pri pripravi, pridobitvi akreditacije in kasneje pri prenovi študijskega programa Krasoslovje. Od leta 2006 je direktor podiplomskega študijskega programa Krasoslovje na Fakulteti za podiplomski študij Univerze v Novi Gorici, kjer je bil leta 2008 izvoljen v naziv rednega profesorja. Poleg predavanj obsega njegovo vzorno pedagoško delo mentorstva pri diplomah, magisterijih in doktoratih ter avtorstvo številnih študijskih gradiv.

The Senate of the University of Nova Gorica concluded at a meeting on 16th September, 2009 that the title Professor Emeritus will be given to Acad. Prof. Dr Andrej Kranjc for his long years of cooperation and his contribution to the development of scientific activity and an exemplary execution of pedagogical work and mentorship.

Acad. Prof. Dr Andrej Kranjc has devoted his scientific and research work to speleology and the research of karst. He is one of the most distinguished researchers of karst in a global scale, which is attested to by his vast scientific and expert bibliography, which contains over a 1000 units, as well as his active participation in numerous expert associations. In addition, he has also organised several international symposiums together with his colleagues. He has edited several monographs; he is a member of the editorial boards of domestic and foreign expert magazines and monographs, and the editor-in-chief of the karstology magazine Acta Carsologica.

Acad. Prof. Dr Andrej Kranjc focused his research mostly on physical speleology and karstology, while lately he has devoted himself more and more to the ecological issues of the karst and the protection of the karst environment, especially of the natural monument Škocjanske jame (Škocjan Caves), and the history of karstology, speleology and research into our karst. He has published several regional speleological and karstological studies (karst in the Kočevje region, in the Dolenjska region, in the Julian Alps), and studies on recent fluvial sediments in caves and the effect of humans on their deposition. Many of his publications are devoted to the Škocjan Caves, the history of the research of karst in Slovenia, and

the development of the idea of the karst, its origin and the processes which shape it. At home and abroad he has published several contributions on the history of karstology in Slovenia, particularly on Valvasor and Hacquet.

Within the framework of exchanges of experts and study tours he has become acquainted with the karst all over Europe, Africa, America, Australia and Asia.

Acad. Prof. Dr Andrej Kranjc is the recipient of numerous international awards. Since 2001 he has functioned as a regular member of the Slovenian Academy of Sciences and Arts and from 2008 onwards also as its chief secretary.

Acad. Prof. Dr Andrej Kranjc has been actively working with the University of Nova Gorica since 2003, when he was appointed as Head of the Karstological School. His endeavours and merits for founding the Karstological School at the University of Nova Gorica deserve special emphasis, while no less important is his contribution to the preparation, the obtaining of accreditation and later the renewal of the Karstology study programme. Since 2006 he has functioned as the Director of the postgraduate Karstology study programme at the Faculty of Postgraduate Studies of the University of Nova Gorica, where he was elected Full Professor in 2008. In addition to lectures his exemplary pedagogical work includes mentorship of diploma theses, master's theses and doctoral theses, as well as authorship of vast study material.

Zlata plaketa Univerze v Novi Gorici

Prof. dr. Bogdan Glumac

Upravni odbor Univerze v Novi Gorici je na seji 25. septembra 2009 sklenil, da priznanje Zlata plaketa Univerze v Novi Gorici prejme prof. dr. Bogdan Glumac, v znak priznanja za pomemben prispevek pri izgradnji znanstvenega knjižnega fonda Univerzitetne knjižnice Univerze v Novi Gorici.

Pedagoška dejavnost Univerze v Novi Gorici, predvsem del, ki je povezan z izobraževanjem na področju fizike je pomembno odvisna od nesebične predanosti prof. dr. Bogdana Glumca.

Prof. dr. Bogdan Glumac je od leta 1990 vodja Odseka za reaktorsko fiziko na Institutu Jožef Stefan. Njegova znanstvena področja obsegajo nevtronsko dozimetrijo, reaktorsko kinetiko, nadzor povišanja krhkosti jekel reaktorskih posod ter Monte Carlo simulacije v reaktorski fiziki in medicinski fiziki. Kot redni profesor je vpet v vrsto študijskih programov s področja fizike in tehnike. Deloval je kot izvedenec Mednarodne agencije za atomsko energijo pri OZN. Bil je delegat Slovenije v Agenciji za nuklearno energijo pri OECD ter v Mednarodni agenciji za atomsko energijo v skupini za nadzor staranja jedrskih elektrarn. Dvakrat je predsedoval konferenci »Nuclear Energy for New Europe«, ki jo kot eno večjih evropskih konferenc organizira Društvo jedrskih strokovnjakov Slovenije, katerega član je. Je tudi doživljenjski član American Nuclear Society.

Prof. dr. Bogdan Glumac je odigral pomembno vlogo pri načrtovanju bolonjske prenovе študijskih programov s področja fizike na Univerzi v Novi Gorici. Aktivno je sodeloval pri sestavljanju predmetnika za študijski program 1. stopnje Inženirska fizika, kjer ostaja kot nosilec predmeta Radioaktivnost izjemno priljubljen med študenti. Njegova predavanja so v duhu študijskega programa polna praktičnih primerov, saj omogoča redne ekskurzije v Reaktorski center v Podgorici.

Posebno vlogo pri izgradnji Univerzitetne knjižnice na Univerzi v Novi Gorici je prof. dr. Bogdan Glumac odigral v juliju 2009. Zaradi svojega mednarodno odmevnega znanstvenega dela je namreč tesno povezan, med drugimi, tudi z vodstvom Atomskega inštituta pri Tehnični univerzi na Dunaju, Avstrija. Tako

je bil kot prvi obveščen, da je na razpolago večje število letnikov 43 naslovov znanstvenih revij s področja fizike, ki jih je bil Atomski inštitut pripravljen brezplačno odstopiti. Celotna zbirka obsega preko 300 zvezkov, njena ocenjena vrednost pa presega 480.000 €. Prof. dr. Bogdan Glumac je nemudoma nesebično posredoval pri vodstvu Atomskega inštituta in v celoti organiziral in pokril stroške pakiranja in prevoza te izjemne količine literature z Dunaja na Univerzo v Novi Gorici. Na ta način je Univerzitetno knjižnico obogatil z neprecenljivim knjižnim fondom, zlasti ob upoštevanju dejstva, da je precej naslovov nemogoče kupiti ali jih dobiti v digitalni obliki.

The Governing Board of the University of Nova Gorica has concluded at a meeting on 25th September, 2009 that the award Zlata plaketa (Golden plate) of the University of Nova Gorica will be given to Prof. Dr Bogdan Glumac, as a sign of recognition for an important contribution to the creation of a scientific library fund of the University Library of the University of Nova Gorica.

The pedagogic activity of the University of Nova Gorica, particularly the part connected to education in the field of physics, greatly depends on the selfless dedication of Prof. Dr Bogdan Glumac.

Prof. Dr Bogdan Glumac has been the Head of the Reactor Physics Department at the Jožef Stefan Institute since 1990. His scientific areas comprise neutron dosimetry, reactor kinetics, control of the increase of the embrittlement of reactor vessel steels, and Monte Carlo simulations in reactor physics and medical physics. As full professor he is involved in a number of study programmes from the fields of physics and technical science. He has functioned as an expert of the International Atomic Energy Agency at the UN. He was a delegate to Slovenia in the Nuclear Energy Agency at the OECD, and in the International Atomic Energy Agency in the group for the control of the ageing of nuclear power plants. He has twice presided over the »Nuclear Energy for New Europe« conference, which is, as one of the larger European conferences, organised by the Nuclear Society of Slovenia, of which he is a member. He is also a lifetime member of the American Nuclear Society.

Prof. Dr Bogdan Glumac has played an important role in the planning of the Bologna renewal of the study programmes in the field of physics at the University

of Nova Gorica. He has actively participated in the compiling of the curriculum for the 1st level study programme of Engineering Physics, where he remains extremely popular among the students as the holder of the subject Radioactivity. In the spirit of the study programme his lectures are filled with practical examples, since he enables regular excursions to the Reactor Centre in Podgorica.

In July 2009 Prof. Dr Bogdan Glumac played a special role in the creation of the University Library at the University of Nova Gorica. Due to his internationally notable scientific work he is, namely, closely connected to, among others, the management of the Institute of Atomic and Subatomic Physics at the University of Technology in Vienna, Austria. Thus he was the first to be notified that a larger number of volumes of 43 titles of scientific magazines from the field of physics was available and ready to be handed over free of charge by the Institute of Atomic and Subatomic Physics. The entire collection comprises over 300 fascicles, and its appraised value exceeds 480,000 €. Prof. Dr Bogdan Glumac immediately selflessly interceded with the management of the Institute of Atomic and Subatomic Physics and fully organised and covered the expenses of packing and transporting this exceptional quantity of literature from Vienna to the University of Nova Gorica. In such a way he has enriched the University Library with a priceless library fund, all the more so knowing that many of the titles cannot be bought or obtained in digital form.

Alumnus Primus in Alumnus Optimus
Univerze v Novi Gorici

Poslovno-tehniška fakulteta

Visokošolski strokovni študijski program Ekonomika in
vodenje proizvodnih in tehnoloških sistemov

Alumnus Primus
Matej Štokelj

Alumnus Optimus
Marijan Kerševan
Matej Štokelj

Magistrski študijski program druge stopnje
Gospodarski inženiring

Alumnus Optimus
Aleksander Boškin

Fakulteta za znanosti o okolju

Univerzitetni študijski program Okolje

Alumnus Primus
Lilijana Piščanec

Alumnus Optimus
Lilijana Piščanec

Fakulteta za humanistiko

Univerzitetni študijski program Slovenistika

Alumnus Primus
Urša Papler

Alumnus Optimus
Urša Papler

Magistrski študijski program druge stopnje Slovenistika

Alumnus Primus
Kristina Ivšič

Alumnus Optimus
Kristina Ivšič

Visoka šola za vinogradništvo in vinarstvo

Visokošolski strokovni študijski program prve stopnje
Vinogradništvo in vinarstvo

Alumnus Primus
Nika Gregorič

Alumnus Optimus
Nika Gregorič

