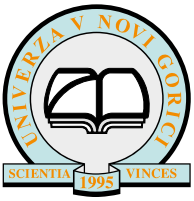

Priznanja Univerze v Novi Gorici

alumnus primus

Tanja Abram, Sara Vodopivec, Tomaž Colja, Lea Manfreda, Nina Nemec, Neža Orel, Daniela Stekar, Miha Gunde, Gašper Kukec Mezek, Blaž Winkler, Tereza Jakin, Urška Djukić

alumnus optimus

Tanja Abram, Lea Manfreda, Neža Orel, Tina Ravnikar, Jani Toplak, Calum James Riach, Miha Gunde, Gašper Kukec Mezek, Jan Tronkar, Gaja Kutnjak, Urška Djukić

častni član

Dr. Vincenzo Palermo

častni doktor

Prof. dr. Peter Jenni

Dvorec Lanthieri, 16. oktober 2014

Alumnus primus in alumnus optimus Univerze v Novi Gorici

Poslovno-tehniška fakulteta

Študijski program prve stopnje Gospodarski inženiring

alumnus primus
Tanja Abram
Sara Vodopivec

alumnus optimus
Tanja Abram

Študijski program druge stopnje Gospodarski inženiring

alumnus primus
Tomaž Colja
Lea Manfreda

alumnus optimus
Lea Manfreda

Fakulteta za znanosti o okolju

Študijski program prve stopnje Okolje

alumnus primus
Nina Nemec
Neža Orel

alumnus optimus
Neža Orel

Študijski program druge stopnje Okolje

alumnus optimus
Tina Ravnikar

Fakulteta za humanistiko

Študijski program prve stopnje Kulturna zgodovina

alumnus optimus
Jani Toplak

Študijski programi druge stopnje Slovenistika

alumnus primus
Daniela Stekar

alumnus optimus
Calum James Riach

Fakulteta za aplikativno naravoslovje

Študijski program prve stopnje Fizika I. stopnje

alumnus primus
Miha Gunde

alumnus optimus
Miha Gunde

Študijski program druge stopnje Fizika II. stopnje

alumnus primus
Gašper Kukec Mezek
Blaž Winkler

alumnus optimus
Gašper Kukec Mezek

Visoka šola za vinogradništvo in vinarstvo

Študijski program prve stopnje Vinogradništvo in vinarstvo

alumnus primus
Tereza Jakin

alumnus optimus
Jan Tronkar

Visoka šola za umetnost

Študijski program prve stopnje
Digitalne umetnosti in prakse

alumnus optimus
Gaja Kutnjak

Študijski program druge stopnje
Medijske umetnosti in prakse

alumnus primus
Urška Djukić

alumnus optimus
Urška Djukić

Častni član (Honorary Member) Univerze v Novi Gorici
Dr. Vincenzo Palermo

Senat Univerze v Novi Gorici je na seji 9. julija 2014 sklenil, da priznanje častni član Univerze v Novi Gorici prejme dr. Vincenzo Palermo v znak priznanja za izjemen prispevek k razvoju znanstvene odličnosti Univerze v Novi Gorici na področju študija lastnosti grafena in grafenskih materialov.

Znanstveno udejstvovanje dr. Vincenza Palerma se osredotoča na tri ključna področja. Prvo področje je supramolekularna kemija, kjer se ukvarja z novimi metodami za organizacijo polimerov in malih organskih molekul. Drugo področje je znanost o površinah, kjer je predmet raziskav povezan z novimi metodami, povezanimi z mikroskopom na atomsko silo. Tretje področje pa so nanostrukturirani materiali, kjer se osredotoča na izdelavo hibridnih materialov med grafenom in organskimi molekulami. Prav na slednjem področju je v zadnjem času tako aktiven, da je postal vodja delovnega sklopa "Nanocomposites" v okviru evropskega "Flagship" projekta GRAPHENE.

Dr. Vincenzo Palermo je zaposlen kot raziskovalec na CNR Bologna v Italiji, kjer vodi raziskovalno skupino "Organski funkcionalni materiali za visokotehnološke aplikacije". Je avtor 85. člankov v mednarodnih revijah s faktorjem vpliva, od katerih so mnogi doživeli pomembne odmeve v strokovni javnosti. S h-indeksom 25 posega v sam vrh svoje generacije znanstvenikov. Posebej je aktiven pri organizaciji konferenc s področja grafena, med drugim je redno prisoten v organizacijskem odboru letne konference "Graphene Week". Številne pa so tudi manjše mednarodne konference s tega področja, pri katerih je pomagal udejanjiti tematiko. Zelo si prizadeva tudi na področju popularizacije grafena, saj je avtor številnih poljudnih člankov, ki pojasnjujejo lastnosti tega materiala nestrokovnjaku. Je prejemnik večih nagrad, med katerimi velja omeniti zlasti Nagrado italijanskega kemijskega združenja in ChemComm - Emerging Investigators 2013.

Preko grafena je dr. Vincenzo Palermo tesno povezan tudi z Laboratorijem za fiziko organskih snovi (LFOS) Univerze v Novi Gorici. Leta 2010 je sestavil skupino šestih partnerjev iz Belgije, Francije, Nemčije, Italije in Slovenije, ki smo pripravili raziskovalni projekt za razpis Evropske znanstvene fundacije iz

programa EUROGRAPHENE. Leta 2011 se je tako začel triletni projekt GOSPEL, *Graphene-Organic SuPramolEcular functionaL composites* in LFOS je postal prva slovenska raziskovalna enota, ki je prejela sredstva iz Evropske znanstvene fundacije. S sodelovanjem v projektu GOSPEL je LFOS vstopil na področje grafena in začel vzpostavljati intenzivne povezave tudi z drugimi evropskimi raziskovalci, ki se ukvarjajo s tem materialom. V okviru projekta GOSPEL in pod vodstvom dr. Vincenza Palerma je LFOS v Ajdovščini spomladi leta 2013 organiziral izjemno uspešno mednarodno delavnico na temo grafena, na kateri so predavali vodilni svetovni znanstveniki.

At its session on 9 July 2014, the Senate of the University of Nova Gorica decided that the title of Honorary Member of the University of Nova Gorica be awarded to Dr. Vincenzo Palermo as a sign of recognition of his exceptional contribution to the development of scientific excellence of the University of Nova Gorica in the field of graphene properties and the study of graphene-related materials.

Scientific endeavor of Dr. Vincenzo Palermo focuses on three key areas: supramolecular chemistry, where he is concentrating on new methods for organization of polymers and small molecules, surface science where he is active in research of new methods related to scanning probe microscopy, and nanostructured materials, where he focuses on hybrid materials between graphene and organic molecules. This latter research area become so important in his career, so that he was nominated as a head of the working package "Nanocomposites" within the European Flagship project GRAPHENE.

Dr. Vincenzo Palermo holds a position of group leader at the CNR Bologna, Italy, where he heads a research group "Organic functional materials for high technology applications". He coauthored 85 papers in international journals with highest impact factor, of which many received considerable number of citations. His h-index of 25 ranks him close to the top of his generation. He is also very active in organizing conferences from the filed of graphene, and serves as a permanent member of the organizing committee of the renowned conference "Graphene Week". He also helped organizing numerous smaller international graphene conferences. Dr. Palermo is putting a lot of effort to promote awareness of technological and societal benefits offered by the potential use of graphene,

and publishes regularly articles on this topics for general audience. Dr. Vincenzo Palermo is a recipient of several prizes and awards of which are undoubtedly notable Prize of the Italian Chemical Society and the prize ChemComm – Emerging Investigators 2013.

Graphene is a common platform that connects dr. Vincenzo Palermo with the Laboratory of organic matter physics of the University of Nova Gorica. In the year 2010 Dr. Palermo formed a group of scientist from Belgium, France, Germany, Italy and Slovenia, who prepared a proposal for the project call launched by the European Science Foundation within the program EUROGRAPHENE. Based on successful application a three-year project GOSPEL, Graphene-Organic SuPramolEcular functionaL composites was launched in 2011. This marked the Laboratory of organic matter physics as the first Slovenian research group to receive funds from the European Science Foundation. Participation in the GOSPEL project enabled the Laboratory of organic matter physics to actively enter the graphene arena, and establish active collaborations with other European researchers, who work in this field. Within the GOSPEL project Dr. Vincenzo Palermo played a key role in the organization of a successful international graphene workshop in Ajdovščina with the participation of several renowned international experts.

Častni doktor – doctor honoris causa – (Honorary Doctor) Univerze v Novi Gorici
Prof. dr. Peter Jenni

Senat Univerze v Novi Gorici je na seji 9. julija 2014 sklenil, da priznanje častni doktor Univerze v Novi Gorici – doctor honoris causa – prejme prof. dr. Peter Jenni v znak priznanja za izjemne znanstvene dosežke na področju eksperimentalne fizike osnovnih delcev.

Prof. dr. Peter Jenni je bil rojen leta 1948 v Švici. Leta 1973 je diplomiral iz fizike na Univerzi v Bernu ter leta 1976 doktoriral s področja fizike osnovnih delcev na ETH Zürich.

Po doktoratu je znanstveno kariero nadaljeval v Evropskem centru za fiziko delcev (CERN) v Ženevi. Sodeloval je pri eksperimentih na Sinhrociklotronu in Sinhrotronu ter na shranjevalnem obroču ISR, ki je bil prvi visokoenergijski hadronski trkalnik na svetu. Ukvarjal se je z interferenčnim sipanjem nabitih pionov, kaonov in protonov na vodiku in devteriju. Konec sedemdesetih let je preživel v Stanfordu, ZDA, kjer je raziskovalno delo opravljal v centru za pospeševalnike osnovnih delcev SLAC National Accelerator Laboratory. V okviru kolaboracije MARK II se je ukvarjal z meritvami oblikovnih faktorjev mezonov in z iskanjem tedaj še neodkritih mezonov s kvarkom c. Rezultati meritev dvofotonske širine resonance η' so dodatno potrdili kvarkovski model opisa osnovnih gradnikov snovi. Kot odgovorni za delovanje kalorimetra s tekočim argonom se je v centru SLAC prvič posvetil tudi razvoju vedno zahtevnejših detektorskih sklopov za določanje lastnosti osnovnih delcev.
V začetku osemdesetih let se je profesor Jenni vrnil v CERN, kjer je raziskovalno pot nadaljeval v okviru eksperimenta UA2 na Super protonskem sinhrotronu (SPS). Posvetil se je načrtovanju in razvoju izboljšav detektorja UA2, še posebej njegovih kalorimetrskih detektorskih sklopov, in pomembno prispeval k doseženim uspehom raziskovalne skupine. Kolaboraciji UA2 in UA1 sta skupaj odkrili obstoj nosilcev šibke interakcije, vmesnih bozonov W^+, W^- in Z^0. Pri trkih visokoenergijskih delcev so opazili nastanek hadronskih pljuskov, kar je bil dokaz, da zaradi narave interakcij med kvarki prosti kvarki ne obstajajo. Že v tem času ga je pritegnil razvoj novih trkalnikov, še posebej t. i. Velikega hadronskega trkalnika (LHC).

V začetku devetdesetih let se je profesor Jenni popolnoma posvetil izgradnji detektorskih sklopov spektrometra ATLAS za meritve procesov pri trkih protonov v Velikem hadronskem trkalniku, ki z načrtovano težiščno energijo 14 TeV za red velikosti prekaša vse dosedanje trkalnike. Po formalni potrditvi načrta za njegovo izgradnjo je bil v letih 1995–2009 predstavnik mednarodne kolaboracije ATLAS, ki danes šteje okrog 3.200 znanstvenikov iz 177 institucij in 38 držav. Znanstvena uspešnost eksperimentov na LHC, vključno z odkritjem Higgsovega bozona, so nedvomno posledica njegovega trdega dela, znanstvene intuicije in vizije razvoja eksperimentalnih metod v fiziki osnovnih delcev. Po upokojitvi je ostal aktiven gostujoči znanstvenik v CERN-u in v kolaboraciji ATLAS ter častni profesor Univerze Albert-Ludwigs v Freiburgu.
Profesor Jenni je s soavtorji objavil preko 450 znanstvenih člankov in ima h-indeks 92. Ob tem je tudi prejemnik številnih mednarodnih nagrad, kot so:

- Nagrada fundacije Heinricha Greinacherja, Bern, Švica, 1998
- Zlata medalja Fakultete za matematiko in fiziko, Univerza Komenius, Bratislava Slovaška,1999
- Spominska srebrna medalja, Karlova univerza, Praga, Češka, 2001
- Častna medalja Ernsta Macha, Češka akademija znanosti, Praga, Češka, 2012
- Nagrada Juliusa Wessa, Tehnološki Institut Karlsruhe, Karlsruhe, Nemčija, 2012
- Nagrada Evropskega fizikalnega združenja za fiziko osnovnih delcev in visokih energij, Stockholm, Švedska, 2013

Leta 2014 je bil izvoljen za dopisnega člana Bavarske akademije znanosti.

During its session on 9 July 2014, the Senate of the University of Nova Gorica decided that the title of Honorary Doctor of the University of Nova Gorica – Doctor Honoris Causa – be awarded to Prof. Dr. Peter Jenni, as a sign of recognition of his significant contribution to the field of experimental particle physics.

Professor Peter Jenni, born in 1948 in Switzerland, obtained his BSc in physics at the University of Bern in 1973 and his PhD in particle physics at the Swiss Federal Institute of Technology in Zürich (ETHZ) in 1976.

He participated in CERN experiments at the Synchro-Cyclotron, at the Proton Synchrotron, and at the first high-energy hadron collider, the Intersecting Storage Rings (ISR), where he was involved in measurements of the Coulomb-nuclear interference scattering of pions, kaons and protons on hydrogen and deuterium. At the end of 1970's, he was a research associate at the Stanford Linear Accelerator Center (SLAC), in Stanford, USA, and a member of the MARK II collaboration at the electron-positron storage ring SPEAR. He was involved in the analysis of two-photon reactions, meson form factors and contributed to the search for the charmed mesons. The first measurement of the two-photon widths of η′ gave further direct support for the quark model. He also worked on operating the liquid-argon calorimeter for the MARK II, where his interest in high-performance calorimetry was developed.

In 1980, professor Jenni returned to CERN and joined the UA2 experiment at the Super Proton Synchrotron collider, which together with the UA1 experiment contributed to the discoveries of hadronic jets and the W^+, W^- and Z^0 bosons. He worked on the design for the UA2 upgrade, first as a project leader of the new endcap calorimeter and later as a group leader of the CERN UA2 group. At that time, he had already gained strong interest in the physics and instrumentation of future colliders, in particular the Large Hadron Collider (LHC).

In 1990's, his activities concentrated on tasks related to the new physics collaboration at the LHC, a proton collider which, with a design center-of-mass energy of 14 TeV, surpassed all previous experiments in the field for an order of magnitude. After formal approval of the ATLAS project, professor Jenni was elected Spokesperson of the experiment, which today comprises some 3.200 scientists, representing 177 Institutions from 38 countries. He was re-elected several times and retired from this duty in February 2009, when he became a Guest Scientist and Honorary Professor with the Albert-Ludwigs-Universität Freiburg, Germany, retaining a strong involvement in the ATLAS operation and physics activities. The high scientific impact of the ATLAS experiment, including the discovery of the Higgs boson, are to a large degree, indebted to his continuous hard work, scientific intuition and vision for the development of experimental techniques in particle physics.

Professor Jenni has co-authored over 450 scientific papers and holds an h index of 92. He received a number of international awards, among others:

- *Swiss Greinacher Prize, 1998*
- *Slovak gold medal of the Comenius University in Bratislava, 1999*
- *Czech Charles University in Prague memorial silver medal, 2001*
- *Czech Academy of Sciences Ernst Mach Honorary Medal, 2012*
- *Julius Wess-Preis from Karlsruhe Institute of Technology, 2012*
- *European Physical Society High Energy Physics Prize, 2013*

This year, he has been elected as a corresponding member of the Bavarian Academy of Sciences.