

Curriculum Vitae

Božidar Ogorevc



(English version see below)

A - Znanost

Božidar Ogorevc je diplomiral leta 1978 iz čiste kemije, magistriral leta 1985 iz analizne kemije in pridobil naziv doktorja kemijskih znanosti leta 1987, vse na Univerzi v Ljubljani. V času podiplomskega študija se je leta 1980-1981 6 mesecev izpopolnjeval v Kernforschungsanlage, Juelich, Nemčija, leta 1984 3 mesece v Dublin City University na Irskem, nato pa 1987-1988 1 leto nadaljeval podoktorski študij v Lawrence Berkeley National Laboratory - University of California Berkeley v ZDA.

Od leta 1979 je bil dr. Ogorevc zaposlen na Kemijskem inštitutu v Ljubljani. Leta 1985 je postal višji asistent, leta 1989 je napredoval v naziv znanstveni sodelavec, leta 1994 v naziv višji znanstveni sodelavec in bil leta 2000 izvoljen v naziv znanstveni svetnik. Od leta 2002 do 2010 je bil vodja Laboratorija za analizno kemijo na Kemijskem inštitutu v Ljubljani. Od leta 1993 je bil odgovorni nosilec več nacionalnih in mednarodnih projektov. Leta 1999 je postal vodja raziskovalnega programa z naslovom "Senzorji in sklopljeni sistemi v analizni kemiji" (P0-0509), od leta 2004 do 2012 pa je bil vodja temeljnega raziskovalnega programa "Analitika in kemijska karakterizacija materialov ter procesov" (P1-0034). Leta 1993 je bil izvoljen v naziv znanstveni sodelavec in leta 2003 v naziv višji znanstveni sodelavec na Fakulteti za kemijo in kemijsko tehnologijo Univerze v Ljubljani. Dr. Ogorevc je bil upokojen januarja 2013 in istega leta mu je bil podeljen naziv "Zaslužni raziskovalec KI".

Znanstveno-raziskovalni interes in izkušnje dr. Ogorevca na področju analizne kemije so usmerjeni oz. so pridobljene predvsem na področju elektroanalizne kemije, s poudarkom na razvoju elektrokemijskih (mikro)(bio)senzorjev. To obsega zasnovno in izdelavo mikro- in nano-elektrod, razvoj kompozitnih in tankoslojnih elektrod, študij novih principov elektrokemijske detekcije in novih detekcijskih nano-velikostnih in nano-strukturnih materialov, razvoj novih elektrokatalitskih in predkoncentracijskih modifikatorjev in elektrodnih prevlek ter uporabo voltometrije, amperometrije, potenciometrije in elektrokemijske stripping analize. Raziskovalno je deloval tudi na področjih kot so analitika sledov elementov in spojin, bioanalitika, bioanorganske interakcije, kemijska speciacija, okoljska analizna kemija in heterogene atmosferske kemijske reakcije.

Dr. Ogorevc je, tudi v okviru širokega mednarodnega sodelovanja, kot avtor ali soavtor doslej objavil 88 znanstvenih publikacij v recenziranih mednarodnih revijah. Njegov trenutni H-indeks je 41 (skupno število vseh citacij je trenutno 6503, 1 članek ima 950 citacij, 3 članki imajo več kot 300 citacij, 6 člankov ima več kot 200 citacij, 19 člankov ima več kot 100 citacij, povprečno število citacij na en članek je 73,9; vir: Scopus). Od leta 1993 dalje je bil

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A - Science

Božidar Ogorevc obtained his BSc degree in Pure Chemistry in 1978, his MSc degree in Analytical Chemistry in 1985 and his PhD degree in Chemistry in 1987, all from the University of Ljubljana. During his graduate studies he visited as a Research Scholar the Nuclear Research Centre, Juelich, Germany, in 1980-81 (6 months) and as a Research Assistant Dublin City University, Ireland, in 1984 (3 months), and then studied as a Postdoctoral Fellow at Lawrence Berkeley National Laboratory - University of California Berkeley, CA, USA, in 1987-88 (1 year).

Since 1979 Dr. Ogorevc has been employed at the National Institute of Chemistry in Ljubljana, and became a Research Assistant in 1985. In 1989 he was promoted to Associate Scientist, in 1994 to Senior Scientist and in 2000 he was appointed a Principle Scientist. From 2002 until 2010 he took over as the Head of the Analytical Chemistry Laboratory at the National Institute of Chemistry. From 1993 he acted as Principle Investigator of several national and international projects. In 1999 he was appointed Leader of the national research program entitled "Sensors and Hyphenated Systems in Analytical Chemistry" (P0-0509), and from 2004 to 2012 he was the Leader of the fundamental research program entitled "Analytics and Chemical Characterization of Materials and Processes" (P1-0034). In 1993 he was appointed Associate Scientist and in 2003 Senior Scientist at the University of Ljubljana, Faculty of Chemistry and Chemical Technology. Dr. Ogorevc was retired in January 2013 and in the same year he was awarded the Scientist Emeritus title of the NIC.

The research interests of Dr. Ogorevc and his experience in analytical chemistry are centred mainly in the field of electroanalysis, with particular emphasis on the areas of electrochemical (micro)(bio)sensor development (design, fabrication, characterization and application), investigation on and employment of nano-sized and nano-structured sensing materials for electrode surface and bulk modification, composite and thin film electrodes, electrocatalytic and preconcentrating modifiers and electrode coatings, as well as voltammetry, amperometry, potentiometry, and electrochemical stripping analysis. His interests are also focused on trace analysis of elements and compounds, bioinorganic binding interactions, chemical speciation, bioanalytics, environmental analytical chemistry and heterogeneous atmospheric chemistry.

Dr. Ogorevc has, also within the frame of extensive international collaboration, published as author or co-author up to now 88 scientific papers in peer-reviewed international journals, mostly in the field of analytical chemistry. His H-index is currently 41 (he has currently a

total number of citations of 6503, his most cited paper has 950 citations, he has 3 papers with more than 300 citations, 6 papers with more than 200 citations, and 19 papers with more than 100 citations, and on average one paper has 73,9 citations; source: Scopus). Since 1993 he has mentored 4 MSc students and 7 PhD students, and has supervised 6 visiting postdoctoral fellows. From 2010 he is a member of the Editorial Board of the American Journal of Biomedical Sciences. He also serves as a regular or occasional referee for some high-ranking international scientific journals and is a member of several national and international professional associations.

B – Music

After 10 years of studying violin and a few years of break Božidar Ogorevc joined the legendary band “Salamander” in 1976 with creative playing violin and baroque viola. The band was founded by the poet and musician Tomaž Pengov (guitar, voice) and poet and writer Milan Dekleva (piano); its members were also Bogdana Herman (voice), Lado Jakša (saxofone), Matjaž Krainer (violoncello), Sašo Malahovsky (clarinet), Jerko Novak (classical guitar), Meta Stare (flute) and Metka Zupančič (flute). In 1980 Božidar Ogorevc became a member of another legendary group “Sedmina”, founded and headed by the poet, musician and painter Venko Dolenc (guitar, voice), which members were also Melita Dolenc (voice), Lado Jakša (clarinet, piano) and Etbin Stefančič (classical guitar), and he participated by creative playing violin and baroque viola in the recording of its two LPs (“Sedmina: Melita in Venko Dolenc”, 1980 and “Sedmina: Drugo dejanje”, 1982) as well as in several concerts in Slovenia and abroad. Later on he participated in several music projects, including the one with Etbin Stefančič and Marko Košnik (audio cassette “Cavis negra”, 1986). In the 1990s and later he collaborated with Klarisa Jovanović and Venko Dolenc (a series of concerts “Duma” and “Apokrifi”). In 2014 he produced an authorial solo CD with participation of Lado Jakša, entitled “Light with irreplaceable wings”, dedicated to the memory of his late wife. (<https://www.youtube.com/channel/UCn7aSHR3qVUP3aVdts9ImVA>).

His music is an erotic interplay in time and space, between the elemental extremes of this world: between a man and a woman, between the sky and the Earth, between sound and silence, fire and water, love and hate, God and blood. With the extremes coming together, a new life is created and the soul calms down.

From January 2019 Božidar Ogorevc is playing as a violinist in the re-vitalized group Salamander, together with Bogdana Herman (voice), Milan Dekleva (piano, author of lyrics and music), Jerko Novak (cl. guitar) and Lado Jakša (saxofon, clarinet). The group creates tuned lyrics together with individual instrumental improvised playings.

Last update: July 2023