

30. 11. 2011

Stručna biografija Ivana Gutmana

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Rođen je 2. septembra 1947. godine u Somboru od oca dr Mirka i majke Katarine. Osnovnu školu i gimnaziju pohađao je u Somboru. Na hemijsku grupu Prirodno-matematičkog fakulteta u Beogradu upisao se 1966. Diplomirao je 1970. godine sa srednjom ocenom 10,0. Posle toga je kraće vreme radio kao honorarni asistent na Prirodno-matematičkom fakultetu u Beogradu.

Od 1971. do 1977. godine bio je član Grupe za teorijsku hemiju Instituta "Ruđer Bošković" u Zagrebu, gde je bio asistent-pripravnik, asistent i viši asistent. Godine 1973. je magistrirao na Univerzitetu u Zagrebu iz oblasti teorijske organske hemije. Iste godine stekao je doktorat hemijskih nauka, odbranivši na Prirodoslovno-matematičkom fakultetu u Zagrebu disertaciju pod naslovom "*Istraživanja topoloških svojstava konjugiranih ugljikovodika*". Izradom doktorata rukovodio je Nenad Trinajstić.

Od 1977. godine radi na Prirodno-matematičkom fakultetu u Kragujevcu gde je zaposlen kao nastavnik za predmet Fizička hemija. Bio je docent i vanredni profesor, a za redovnog profesora izabran je 1984. godine. Godine 1990. izabran je za redovnog profesora Fizičko-hemijskog fakulteta Univerziteta u Beogradu, ali službu nije prihvatio. Godine 1995. habilitirao je na Univerzitetu Jožef Atila u Segedinu. Iduće, 1996. godine, izabran je za redovnog profesora u Institutu za fizičku hemiju istog Univerziteta, ali službu nije prihvatio.

Izvodio je nastavu iz više predmeta iz oblasti fizičke, kompjuterske i teorijske hemije. Pored Fizičke hemije koju predaje neprekidno od 1977. godine, držao je kurseve iz predmeta Hemijska termodinamika, Kvantna hemija i molekulske strukture, Kvantna hemija (za poslediplomce), Teorijska organska hemija (za poslediplomce), Obrada rezultata u hemiji, Računari u hemiji, Programiranje u hemiji, Računarska hemija, Informatika za hemičare, Istorija hemije i Istorija i filozofija hemije. Na Prirodno-matematičkom fakultetu u Kragujevcu organizovao je stalni seminar "*Matematičke metode u hemiji*" koji je aktivno i bez prekida radio od proleća 1981. do proleća 2006. godine i na kome je održano preko 1000 predavanja.

Od 1975. je član Matematičkog instituta SANU u Beogradu. Godine 1981. stekao je i doktorat matematičkih nauka, odbranivši na Elektrotehničkom fakultetu u Beogradu disertaciju pod naslovom "*Prilog spektralnoj teoriji stabala*". Izradom doktorata rukovodio je Dragoš Cvetković.

Od 1988. je član Srpske akademije nauka i umetnosti (redovni član od 1997).

Od 2005. je član Međunarodne akademije matematičke hemije.

Od 2006. je član Akademije nelinearnih nauka (Moskva).

U više navrata boravio je na stručnim usavršavanjima u inostranstvu. Pet puta je bio stipendista Humboltove fondacije i radio u Institutu za kvantnu hemiju Slobodnog Univerziteta u Zapadnom Berlinu (1977), u Maks-Plankovom Institutu za radijacionu hemiju u Milhajmu, SR Nemačka (1980 i 1985), u Institutu za organsku hemiju i biohemiju Univerziteta u Frajburgu, Nemačka (2000), u Matematičkom Institutu Univerziteta u Bajrojt, Nemačka (2000) i u Centru za kompjutersku hemiju Univerziteta u Elrangenu (2003). Godine 1988. boravio je na Univerzitetu u Trondhajmu, Norveška, kao stipendista Norveškog fonda za naučna istraživanja. Godine 1989. i 1990. boravio je (u dva navrata) na Univerzitetu Vanderbilt, u Nešvilu, SAD, kao stipendista Fulbrajtove fondacije. Godine 1989. bio je i stipendista Japanskog društva za unapređenje nauke i boravio u Japanu (Tokio i dr). Godine 1995. je kao stipendista fondacija Ledi Dejvis bio gostujući profesor na Hebrejskom Univerzitetu u Jerusalimu, Izrael. Godine 1996. boravio je u Institutu za vrhunske studije Hebrejskog Univerziteta u Jerusalimu. Godine 1997. boravio je na Univerzitetu u Santa Klari, Kuba kao stipendista Akademije nauka trećeg sveta. Godine 1996. i 2001. kao stipendista fondacije DAAD boravio je na Tehničkom Univerzitetu u Ilmenau-u, Nemačka. Bio je gostujući profesor i na Tehničkoj visokoj školi u Ilmenau-u, DR Nemačka (1982), Univerzitetu Južne Karoline u Kolumbiji, SAD (1983), Kineskoj Akademiji nauka u Tajpeju, Tajvan (1992/93), Univerzitetu Jožef Atila u Segedinu, Mađarska (1994–96), Montrealskom Univerzitetu, Kanada (1998), Univerzitetu Johanes Kepler u Lincu, Austrija (1999), Andskom Univerzitetu u Meridi, Venecuela (2000), Univerzitetu u Bilefeldu, Nemačka (2001 i 2002), Univerzitetu Malte u Msidi (2004), Univerzitetu Nankai u Tjandžinu, Kina (2005 i 2007), Nacionalnom Autonomnom Univerzitetu Meksika u Meksiko Sitiju (2006), Severnom Katoličkom Univerzitetu u Antofagasti, Čile (2009). Posetio je i veliki broj drugih univerziteta i naučnih institucija i na mnogima od njih držao predavanja.

Član je (+) ili je bio član (x) redakcije ili saveta časopisa *Journal of Mathematical Chemistry* (x), *MATCH Communications in Mathematical and in Computer Chemistry* (+), *Polycyclic Aromatic Compounds* (+), *Indian Journal of Chemistry A* (x), *Graph Theory Notes* (New York) (+), *Applicable Analysis and Discrete Mathematics* (+), *Journal of Mathematical Nanoscience* (+), *Iranian Journal of Mathematical Chemistry* (+), *Iranian Journal of Mathematical Sciences and Informatics* (+), *Iranian Journal of Graph Theory* (+), *Journal of the Argentine Chemical Society* (+), *Gazi Universitesi Journal of Science* (+), *International Journal of Pure and Applied Mathematical Sciences* (x), *Global Journal of Mathematics and Mathematical Science* (x), *Transactions on Combinatorics* (+), *Journal of the Serbian Chemical Society* (+), *Glasnika hemičara i tehnologa Bosne i Hercegovine* (+), *Hemijski pregled* (+),

Dijalektika (x), *Flogiston* (x), *Bulletin of Society of Mathematicians Banja Luka* (x), *Zbornik radova Prirodno-matematičkog fakulteta Kragujevac* (x), *Kragujevac Journal of Mathematics* (+), *Kragujevac Journal of Science* (+). Glavni sam urednik časopisa *MATCH Communications in Mathematical and in Computer Chemistry* i *Kragujevac Journal of Science*. Urednik sam serije knjiga “*Mathematical Chemistry Monographs*”.

Učestvovao je na brojnim naučnim skupovima u zemlji i inostranstvu, više puta kao pozvani predavač.

Od 1971. do danas objavio je preko 1150 naučnih radova, od toga oko 250 radova samostalno a ostale u saradnji s velikim brojem (preko 580) kolega iz zemlje i inostranstva. Pored desetak članaka monografskog i revijskog karaktera napisao je i šest knjiga objavljenih u inostranstvu (izdavači: Špringer, Berlin 1977, 1986, 1988 i 1989, Nord Holand, Amsterdam 1988, Nova, Hantington, Nju Jork, 2001).

Radovi su mu citirani preko 20000 puta u naučnim radovima drugih autora, i preko 2300 puta u više of 250 knjiga i udžbenika.

Rukovodio je izradom većeg broja diplomskih, 7 specijalističkih i 10 magistarskih radova, kao i 9 doktorata. Značajne rezultate ostvario je i na uvođenju mladih (prevenstveno studenata, ali i srednjoškolaca) u naučni rad.

Zanima se i za nastavu i istoriju prirodnih nauka i matematike, i iz ovih oblasti je objavio dvadesetak radova. Pored toga dosta se angažovao i na popularizaciji hemije i matematike, objavljujući članke (oko 300) i držeći predavanja po osnovnim i srednjim školama.

Dobio je nagradu Kulturno prosvetne zajednice Kragujevca za naučno ostvarenje iz oblasti teorijske hemije (1980), medalju Srpskog hemijskog društva za pregalaštvo i uspeh u nauci (1987), nagradu “Vojislav K. Stojanović” Udruženja univerzitetskih profesora i naučnika Srbije za rezultate postignute u naučno-istraživačkom radu (1993), zlatnu medalju i povelju Srpskog hemijskog društva povodom njegove stogodišnjice (1997), medalju Srpskog hemijskog društva za trajan i izvanredan doprinos nauci (2001). Zajedno sa Borisom Furtulom dobio je plaketu Ministarstva nauke Srbije za najbolju monografiju u oblasti prirodno-matematičkih nauka u 2010. godini. Proglašen je zaslužnim građaninom Kragujevca (2006) i dobio Đurđevdansku nagradu grada Kragujevca (za nauku) za 2007. godinu.

Od 1972. je oženjen Magdom (1948). Ima kćerku Barbaru (1974), a imali su sina Matiju (1976–1999).

* * * * *

Držao je predavanja u sledećim zemljama:

Austrija, Belgija, Bosna i Hercegovina, Brazil, Bugarska, Crna Gora, Češka, Čile, Danska, Egipat, Finska, Francuska, Holandija, Hong Kong, Hrvatska, Italija, Iran, Izrael, Japan, Južna Afrika, Kanada, Kina, Kuba, Mađarska, Makedonija, Malta, Meksiko, Nemačka (DR), Nemačka (SR), Norveška, Portugalija, Rumunija, Rusija, Sjedinjene Američke Države, Slovačka, Slovenija, Švajcarska, Švedska, Tajvan, Turska, Velika Britanija, Venecuela

Sarađivao je i ima objavljene radove sa kolegama iz sledećih zemalja:

Argentina, Australija, Austrija, Belgija, Bosna i Hercegovina, Brazil, Bugarska, Češka, Čile, Egipat, Finska, Francuska, Grčka, Holandija, Hong Kong, Hrvatska, Indija, Iran, Italija, Izrael, Japan, Južna Afrika, Južna Koreja, Kanada, Kina, Kolumbija, Kuba, Litvanija, Mađarska, Makedonija, Malta, Meksiko, Moldavija, Mongolija, Nemačka, Norveška, Pakistan, Poljska, Portugalija, Reunion, Rumunija, Rusija, Singapur, Sjedinjene Američke Države, Slovačka, Slovenija, Srbija, Španija, Šri Lanka, Švedska, Švajcarska, Tajvan, Trinidad, Turska, Uzbekistan, Velika Britanija, Venecuela

Ima objavljene radove na sledećim jezicima:

afrikanski, bugarski, engleski, finski, holandski, hrvatski, kineski, mađarski, makedonski, nemački, persijski, portugalski, ruski, slovenački, srpski, španski

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(501 — 1000)

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Journal of Mathematical Chemistry **45** (2009) 962–973.
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