

CURRICULUM VITAE

Richard Wiegandt was born on September 19, 1932 in Budapest, Hungary. His father was the manager of a linen factory who died in 1939. After the grammar school he studied at the University of Szeged and graduated in 1955 as a high school teacher in mathematics and physics. He started with scientific research in algebra as a student of Professor L. Rédei.

After graduation he was assigned to teach in the remote town Orosháza, and worked there as a high school teacher from 1955 till 1961. His application for a Ph.D. fellowship was turned down five times, in 1959 – when he had already published three research papers in English – also the reason was disclosed: he had been found politically not suitable for scientific work. After having published two more research papers in German, in 1961 he was accepted for Ph.D. studies (aspiranture) at the L. Eötvös University in Budapest under the supervision of Professor L. Fuchs.

From 1964 till 2007 he worked at the Mathematical Institute of the Hungarian Academy of Sciences as a scientific co-worker, scientific chief co-worker (1970), scientific adviser (1978) and between 1981 and 1996 he acted as head of Department of Algebra. He taught also compulsory and optional courses at the L. Eötvös University (1962-1975) and at the Technical University Budapest (1975-1978).

Scientific qualifications:

- 1 Dr. rer. nat. conferred by the L. Eötvös University, Budapest, 1967;
- 2 Candidate of Math. Sci. conferred by the Hungarian Academy of Sciences, 1967;
- 3 Doctor of Math. Sci. conferred by the Hungarian Academy of Sciences, 1975.

Longer visits at foreign institutions:

1. Mathematical Institute of the Polish Academy of Sciences Warsaw, Ph.D. study leave, 6 months, 1964/65.
2. University of Islamabad, Pakistan, UNESCO-visiting professor (specialist in algebra, grade P-5, the highest in the professional category) from 1970 upto 1972.

Subsequent visiting professorships:

3. Technische Universität Wien, Austria, 1 month 1974;
4. Science Centre at the University of Alexandria, Egypt, 6 months 1976/77;
5. Technische Universität Clausthal, FR Germany, Wintersemester 1978/79;
6. University of British Columbia Vancouver, Canada, 2 months 1979 ;
7. University of Tasmania Hobart, Australia, 2 months 1980;
8. Cairo University, Egypt, 1 month 1982;
9. University of British Columbia Vancouver, Canada, fall semester, 1982 (teaching calculus);
10. Dalhousie University Halifax, Canada, 2 months 1983;

11. University of Pretoria, South Africa, 2 months 1983;
12. University of Florida Gainesville, USA, spring semester 1986 (teaching differential equations);
13. University of Tasmania Hobart, Australia, 1 month 1987;
14. University of the Orange Free State Bloemfontein, South Africa, 3 months 1990;
15. National Cheng Kung University Tainan appointed by the National Science Council at Taipei, Taiwan, R.O.C., 12 months 1991/92;
16. University of Southwestern Louisiana Lafayette, USA, spring semester 1995 (teaching survey of calculus and decision mathematics);
17. Johannes Kepler Universität Linz, Austria, Wintersemester 1997/98;
18. Universität Bielefeld and Technische Universität Clausthal, FR Germany, 1 month 1998.

He applied for and got a Humboldt-Fellowship for 1 year in Germany 1968, but for political reasons he was not allowed to accept it. Upon this basis he got the Humboldt-Sonderforschungsstipendia:

19. Universität Düsseldorf, TU Clausthal and Universität Tübingen, 3 months 1987;
20. TU Clausthal, 1 month 1991;
21. TU Clausthal, 1 month 1993;
22. TU Clausthal, 1 month 2000.

Conferences and lectures:

He participated on many international conferences and gave talks at several universities in the following countries: Austria, Australia, Brazil, Bulgaria, Canada, China, Czechoslovakia (Czechia, Slovakia), East-Germany, Egypt, Estonia, Germany, Holland, Hong Kong, Hungary, Iran, Israel, Italy, Japan, Moldova, Mongolia, Pakistan, Poland, Portugal, Romania, Slovakia, Slovenia, South-Africa, Soviet Union (Estonia, Latvia, Moldova, Russia, Ukraine), Spain, Ukraine, United Kingdom (England, Scotland), United States, Taiwan, Thailand, Turkey, Vietnam, West-Berlin, West-Germany, Yugoslavia (Bosnia-Herzegovina, Serbia).

Research:

He published over 160 research papers in *algebra* (rings, radicals, categories, semigroups, near-rings, automata), and also in combinatorics, graph theory and topology.

Coauthors:

Ottó Steinfeld (Hungarian), Ferenc A. Szász, (Hungarian), Eqbal Ahmed (Bengali), Muneer A. Rashid (Pakistani), Alexandr V. Arhangel'skiĭ (Russian), Ervin Fried (Hungarian), Mario Petrìch (American), László Márki (Hungarian), Patrick N. Stewart (Canadian), Johann Wiesenbauer (Austrian), Leo C. A. van Leeuwen (Dutch), Cornelis Roos (Dutch), Alfred Widiger (German), László Rédei (Hungarian), William G. Leavitt (American), Chehata G. Chehata (Egyptian), Pham Ngoc Anh (Vietnamese), Tim Anderson (Canadian), Juriĭ M. Rjabuhin (Russian-Moldavian), Barry J. Gardner (Australian), Gerhard Betsch (German), Wilfried Lex (German), Nguyen Van Loi (Vietnamese), Ismail A. Amin (Egyptian), Adam Suliński (Polish), Mike M. Parmenter (Canadian), Ben de la Rosa (South African), Stefan Veldsman (South African), Kalle Kaarli (Estonian), Rainer Mlitz (Austrian), Andor Kertész (Hungarian), Konstantin I. Beĭdar (Russian), Julia S. van Niekerk

(South African), Hanns Joachim Weinert (German), Fong Yuen (Taiwanese), Lee Pjek-hwee (Taiwanese), Huang Feng-kuo (Taiwanese), Arthur D. Sands (British), Sodnomkhorloo Tumurbat (Mongolian), Gary F. Birkenmeier (American), Henry E. Heatherly (American), Enoch K. S. Lee (Hong Kong), Usama A. Aburawash (Egyptian), Liu Shao-xue (Chinese), Edmund R. Puczyłowski (Polish), D. Isabel C. Mendes (Portuguese), Bhavanari Satyanarayana (Indian), Jan Krempa (Polish).

Supervisor:

- 1 Dinh Van Huynh, Ph.D. 1975, Matrin–Luther–Universität, Halle GDR;
- 2 M. Sadiq Zia, dr. rer. nat. 1975, L. Eötvös University,
- 3 László Márki, C.Sc. 1980, Hungarian Academy of Sciences, Budapest;
- 4 Pham Ngoc Anh, C.Sc. 1982, Hungarian Academy of Sciences, Budapest;
- 5 Tran Lam Hách, C.Sc. 1984, Hungarian Academy of Sciences, Budapest;
- 6 Nguyen Van Loi, C.Sc. 1988, Hungarian Academy of Sciences, Budapest;
- 7 Usama A. Aburawash, C.Sc. 1991, Hungarian Academy of Sciences, Budapest;
- 8 Sodnomkhorloo Tumurbat, Ph.D. 1993, Ulaan Baatar, Mongolia;
- 9 Mátyás Domokos, C.Sc. 1996, Hungarian Academy of Sciences, Budapest.

Member of editorial board of journals:

1. Studia Scientiarum Mathematicarum Hungarica, 1981-1996;
2. Karachi Journal of Mathematics, 1984-1989;
3. Pure Mathematics and Applications, (Budapest), 1990-1994;
4. Quaestiones Mathematicae (South Africa), 1991-2002;
5. Beiträge zur Algebra und Geometrie (Berlin, Heldermann–Verlag), 1991-2002;
6. Journal of Egyptian Mathematical Society, 1993-2002;
7. Algebra Colloquium (Beijing and Singapore, Springer–Verlag), 1994-2002;
8. Mathematica Pannonica (Leoben, Pécs and Trieste), 1998-2002; honorary advisor in 2011;
9. Mathematical Notes, University of Miskolc (Hungary), 2000-2002.

Reviewer of the Zentralblatt für Mathematik (1965-2002) and of the Mathematical Reviews (1970-2002).

Awards:

- i) Grünwald Géza emlékdíj 1967 (J. Bolyai Math. Soc.);
- ii) Bolyai (*sic!*) Farkas szakkuratóriumi-díj 1998 (Hungarian Academy of Sciences).

Honorary professor: National University of Mongolia, 2012.

Dr.h.c. Mongol Academy of Sciences, 2014.

Membership: J. Bolyai Math. Soc. since 1955, American Math. Soc. since 1984; South African Math. Soc. (honorary member) since 1990.

Erdős number 2 (via E. Fried).

Languages: fluent in English and German, reads Russian, native language Hungarian.

He has never been a member of any political party.

Wife: since 1957 Ilona Pusztai (Piri, 1932-2023) high school teacher, *Sons:* Peter (1960), Thomas (1966), *Grandchildren:* Julia (1989), Esther (1983), Marton (2002), Mark (2003), Adam (2008).

February, 2023

Önéletrajz

Wiegandt Richárd 1932-ben született Budapesten. 1943-1946 között a budapesti Verbőczy István Gimnáziumban, 1946-tól a kiskunhalasi Szilády Áron Gimnáziumban tanult. Az érettségi után 1951-ben a Szegedi Tudományegyetemen folytatta tanulmányait fizika-matematika, ill. 1553-tól matematika-fizika szakon, és kapott középiskolai tanári oklevelet 1955-ben. 1955-től 1961-ig az orosházi Táncsics Mihály Gimnázium tanára. Szegedi aspirantúrára beadott pályázatait ötször elutasították, de 1961-ben felvették Budapestre, az ELTE TTK-ra aspiránsnak. 1964-től 2007-ig az MTA Matematikai Kutató Intézetének tudományos munkatársa, főmunkatársa, tanácsadója, 1981-1996 között pedig az Algebrai Osztályt vezette. A matematikai tudományok *kandidátusa* (1967) és *doktora* (1975).

Vendégprofesszorként mind az 5 kontinensen tanított, kutatott:

Ausztrália, University of Tasmania, Hobart (1980, 1987);

Ausztria, TU Wien (1973), Johannes-Kepler-Universität, Linz (1997-98);

Egyesült Államok, University of Florida, Gainesville (1986), University of Southwestern Louisiana, Lafayette (1995);

Dél-Afrika, University of Pretoria (1983), University of the Oranje Free State, Boemfontein (1990);

Egyiptom, Alexandria University (1976-77), Cairo University (1982);

Kanada, University of British Columbia, Vancouver (1979, 1982), Dalhousie University, Halifax (1983);

Nyugat-Németország, TU Clausthal (1978-79);

Pakisztán, University of Islamabad (1970-72, UNESCO kinevezéssel);

Tajvan, National Cheng Kung University, Tainan (1992-93).

A *Humboldt ösztöndíjat* 1968-ban politikai okokból nem fogadhatta el, de *Sonderforschungsstipendium* révén egy-egy hónapot dolgozhatott Clausthalban (1987, 1993, 2000), Düsseldorfban (1987), Tübingenben (1987).

Kitüntetései: 1967, Grünwald Géza emlékdíj;

1998, Bólyai (hosszú ó-val!) Farkas szakkuratóriumi díj.

A *South-African Mathematical Society* tiszteletbeli tagja 1990 óta.

2007, *nyugdíjas*.

2012, *80. születésnapja alkalmából* díszvendégként részt vett

i) *Omanban* az International Conference on Rings and Radicals konferencián;

ii) *Stellenboschban* a South-African Mathematical Society kongresszusán.

2012, *tiszteletbeli professzor*, National University of Mongolia, Ulaan Baatar.

2014, *Dr. Honoris causa*, Mongol Academy of Sciences, Ulaan Baatar.

Felesége 1957 óta Pusztai Ilona (Piri, 1932-2023) gimnáziumi tanárnő,

fiai Péter (1960) és Tamás (1966),

unokái Júlia (1989), Eszter (1993), Márton (2002), Márk (2003), Ádám (2008).

.Budapest, 2023. február 2.