CURRICULUM VITAE

January, 2024.

A. BIOGRAPHICAL INFORMATION.

PERSONAL DATA

Name	Holovatch
First name	Yurij
Date of birth	June 16, 1957
Nationality	Ukrainian
Marital status	Married
Languages spoken	Ukrainian, English, German, French, Polish, Russian, Esperanto
Present professional position	Chief researcher. Professor
Institute	National Academy of Sciences of Ukraine, Institute for Condensed Matter Physics, 1 Svientsitskii St., Lviv-11, 79011, Ukraine. tel. +38 (032) 2760908; +38 (032) 2761978 fax. +38 (032) 2761158
Private address	7 Halyts'ka Sq., app.3, Lviv-8, 79008, Ukraine. tel. +38 (032) 2358718. Mailing address: P.O.Box 845, Lviv-8, 79008, Ukraine
E-mail	hol@icmp.lviv.ua
Homepages	personal: `http://ph.icmp.lviv.ua/~hol/`, NAS Ukraine, CHS Vienna

ACADEMIC DEGREES

Dr.Hab. 1998	National Academy of Sciences of Ukraine, Institute for Condensed Matter Physics, Lviv
Thesis title:	"Critical phenomena in anisotropic models of statistical physics: magnets, polymers"
Ph.D. 1984	Ukrainian Academy of Sciences, Bogoliubov Institute for Theoretical Physics, Kiev
Thesis title:	"Investigation of the phase transition in the model with n-component degenerated order parameter"
Thesis supervisors:	Prof.Dr. I. Yukhnovs'kii, Prof.Dr. I. Vakarchuk
MA 1979	Lviv State University, Lviv

PROFESSIONAL BACKGROUND

Employment (permanent)

2022-present	Chief researcher, Institute for Condensed Matter Physics of the National Acad. Sci. of Ukraine, Lviv (ICMP)
2018-2022	Head of the Department for Statistical Theory of Condensed Matter, ICMP
2010-2018	Head of the Laboratory for Statistical Physics of Complex Systems, ICMP
2000–2010	Leading Researcher, ICMP
1990–2000	Senior Researcher, ICMP
1986–1990	Researcher, ITP
1984–1986	Junior researcher, ITP

1979–1983 Ph.D. student, Lviv division of the Bogoliubov Insitute Institute for Theoretical Physics of the National Acad. Sci. of Ukraine, Lviv (ITP)

1979–1981 Engineer, Institute for Physics and Mechanics of the National Acad. Sci. of Ukraine, Lviv

Employment (invited positions)

2023–present External Faculty Member, Complexity Science Hub Vienna, Vienna, Austria

2018–present Guest Professor, Coventry University, Coventry, UK (on a honorary basis/without payment)

2017–present Guest Professor, Ukrainian Catholic University, Lviv (also in years 2004–2010)

2019 Guest Professor, Université Henri Poincaré, Nancy, France (also in years 2001, 2005, 2007, 2011)

2001–2006 Guest Professor, Ivan Franko University of Lviv

1999 DAAD Fellow, Heinrich Heine Universitẗ Düsseldorf, Germany

2001, 2004 Guest Professor, Johannes Kepler Universität Linz, Austria (also in years 1996–1997)

1984–1985 Assistant Professor, Ivan Franko University of Lviv

Recent Projects (Asterisks indicate where Yu.H. was/is team leader)

2021–2023* BMBF (Germany) call for activities supporting the integration of countries into the Eastern European Research Area. Project "Complex networks: self-organization and collective information processing"

2021–2022* Bilateral collaboration project between Ministry of Education and Science (Ukraine) and Ministry of research and Science (Austria): "Statistical physics and beyond: from the origins to European and global cooperation, from critical phenomena to complex systems"

2020–2021* National Academy of Sciences of Ukraine, Project KPKBK 6541230: "Self-organization and structure formation in soft matter: analytical approaches and computer simulations"

2018–2022* National Academy of Sciences of Ukraine, Project 6541030: "Methods and models of statistical physics for structure description and explanation of scaling in complex systems"

2014–2018* FP7 IRSES Project No 612707 "Dynamics of and in Complex Systems" (DIONICOS)

2014–2018 FP7 IRSES Project No 612669 "Structure and Evolution of Complex Systems with Applications in Physics and Life Sciences" (STREVCOMS)

2011–2016* FP7 IRSES Project No 295302 "Statistical Physics in Diverse Realizations" (SPIDER)

2011–2015* FP7 IRSES Project No 269139 "Dynamics and Cooperative Phenomena in Complex Physical and Biological Media"

2011–2012* Bilateral collaboration project between SCSII (Ukraine) and Ministry of research and Science (Austria): "Scientometrics: quantitative approach to social phenomena"

2009–2010* Project No /67-2009, Partnership Programme "Dnipro", Ministry of education and science (Ukraine), CNRS (France)

2006–2009* Project 18958, Collaboration Program between National Academy of Sciences of Ukraine and CNRS, France

2007–2011 grant No 19583-PHY, Fonds zur Förderung der wissenschaftlichen Forschung, Austria

2003–2007 grant No 16574-PHY, Fonds zur Förderung der wissenschaftlichen Forschung, Austria

2004–2005* Collaboration Program between National Academy of Sciences of Ukraine and CNRS, France

2002–2004* project No M/116-2003, Partnership Programme "Dnipro", Ministry of education and science (Ukraine), CNRS (France)

1999–2001 grant No 7694, Österreichische Nationalbank Jubiläumsfonds, Austria

1995–1999* grant No 24/173, Ukrainian Foundation of Fundamental Studies, Ukraine

Professional Affiliations and Activities

2021–present Full Member, National Academy of Sciences of Ukraine

2021–2022 Representative from Ukraine in the Program Committee of the European Union Framework Program for Research and Innovation *Horizon Europe*

2020–2022 Member, Ebitorial Board of the *Journal of Applied Nonlinear Dynamics*

2019–2020 Representative from Ukraine in the Program Committee of the European Union Framework Program for Research and Innovation *Horizon 2020*

2017–2019 Member, Scientific Committee of the *National Council of Science and Technology of Ukraine*

2016–present Founding member and Co-director, L^4 Collaboration (Leipzig-Lorraine-Lviv-Coventry)

2015–2021 Corresponding Member, National Academy of Sciences of Ukraine

2014–present Member, Editorial board of the *European Journal of Physics*

2014–present Co-director, International Doctoral College for the Statistical Physics of Complex Systems

2013–2017 Observer, Management Committee of the COST Action TD1210 "Analyzing the dynamics of information and knowledge landscapes - KNOWSCAPE"

2011–present Member, *MECO Advisory Board* (Middle European Cooperation in Statistical Physics)

2009–2013 Member, Management Committee of the COST Action MP0801: "Physics of Competition and Conflicts"

2008–2017 Member, Editorial board of the revue *Advances in Condensed Matter Physics*

2006–present Full Member, Shevchenko Scientific Society

2005 Attestation for the title of Professor in theoretical physics

2001–2006 Member, Expert council in physics, Supreme Attestation Committee of Ukraine, Kyiv

1995–1998 Member, Deutsche Physikalische Gesellschaft

1995–1999 Member, New York Academy of Sciences

1995–present Member, Editorial board of the *Journal of Physical Studies*

1994– Member, International Association of Mathematical Physics

1993–present Member, Ukrainian Physical Society

1991–present Member, Editorial board of the revue *Condensed Matter Physics*

1991–present Member, Editorial board of the *Physical Journal of NTSh*

1990–present Member, Scientific Council of the Institute for Condensed Matter Physics

1989–present Member, Shevchenko Scientific Society

Honours and Awards

2020 Honorary Ambassador of Lviv

2020 *A.S. Davydov Prize* for studies in theoretical and biological physics (together with M. Holovko and A. Zagorodnii)

2019 Medal of the National Acad. Sci. of Ukraine *For scientific achievements*

2018 Medal of the National Acad. Sci. of Ukraine *In honour of the 100th anniversary of the NAS of Ukraine*

2012 Honorary diploma of the Governor of Lviv province for outstanding scientific achievements

2009 Gold medal of the National Acad. Sci. of Ukraine for preparation of young scientists

2009 Medal (decoration) of the Shevchenko Scientific Society for contribution to the development of the Society

2008 Diploma of the ICMP for scientific achievements, teaching and fruitful work with young scientists

2008 Honorary diploma of the Governor of Lviv province for outstanding scientific achievements

2007 Honorary diploma of the Presidium of the National Acad. Sci. of Ukraine for outstanding scientific achievements

2001 Honorary diploma (Urkunde) of the Johannes Kepler University of Linz, Austria

1987 Award of the Presidium of the National Acad. Sci. of Ukraine for outstanding scientific achievements

B. ACADEMIC HISTORY.
RESEARCH ENDEAVOURS

Complex systems, phase transitions and critical phenomena (criticality in structurally-disordered systems, field theory methods in condensed matter physics), physics of macromolecules (conformational properties of complex polymers), complex networks, sociophysics, cultural complexity, history of science.

PUBLICATIONS

Yu.H. is the author of more than 170 peer-reviewed journal publications (with over 3900 citations). He is the editor of review volume series: *Order, Disorder and Criticality. Advanced Problems of Phase Transition Theory.* Yu. Holovatch (editor). World Scientific, Singapore, vol. 1 – 2004, vol. 2 – 2007, vol. 3 – 2012, vol. 4 – 2015, vol. 5 – 2018, vol. 6 – 2020, vol. 7 – 2023. List of selected publications is available online: `http://ph.icmp.lviv.ua/~hol/refs.html` /

PhD THESIS SUPERVISION

1997-2000	Taras Yavors'kii
1999-2002	Maxym Dudka
2000-2003	Viktoria Blavats'ka, co-supervisor: C. von Ferber (DE)
2002-2005	Dmytro Ivaneiko
2005-2008	Oleksandr Kapikranian, co-supervisor: B. Berche (FR)
2006-2009	Vasyl Palchykov, co-supervisor: C. von Ferber (GB)
2012-2015	Marjana Krasnytska, co-supervisor: B. Berche (FR)
2014-2017	Robin de Regt, co-supervisor: C. von Ferber (GB)
2014-2019	Petro Sarkanych, co-supervisor: R. Kenna (GB)
2019-	Julian Honchar, co-supervisor: R. Kenna (GB)

Dr.Sci. (Dr. Hab.) THESIS ADVISORSHIP

2014	Viktoria Blavats'ka
2020	Maxym Dudka