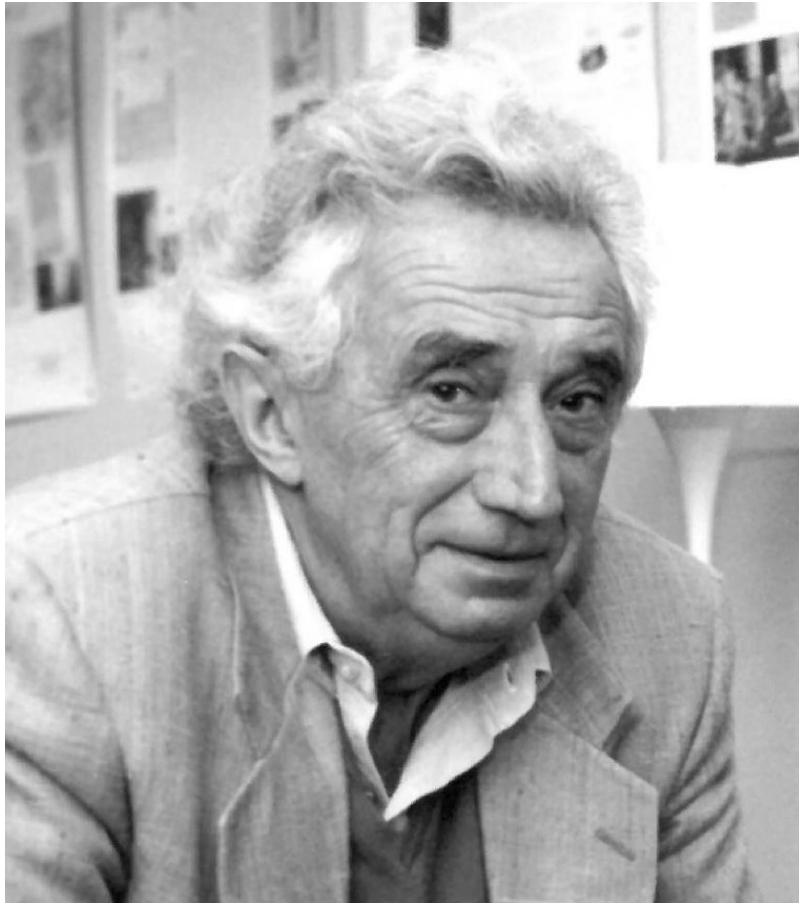


# Igor E. Dzyaloshinskii



(01.02.1932 - 16.07.2021)

Igor Dzyaloshinskii, a towering figure in theoretical physics, who made pioneering and groundbreaking contributions to areas that span an entire field of condensed matter physics, Professor Emeritus of Physics & Astronomy at UCI died on Wednesday, July 14, 2021. He was 90.

Dzyaloshinskii was the first in his family to go to university, and later became a founding member of and one of the leading figures in the Landau Institute, one of the greatest theoretical physics institutions of its kind. He then moved to the U.S. and became a professor at UCI in 1991.

Igor's scientific legacy in many areas of condensed matter theory — including liquid crystals, low-dimensional superconductivity, van der Waals forces, and methods of many-body quantum theory — has already entered the realm of eternity in his field. His name is immortalized in the theory of magnetism, the field of multiferroics and Luttinger-liquids. Generations of theoretical physicists have been brought up on his textbook, “Methods of Quantum Field Theory in Statistical Physics,” written by Igor in his late twenties together with Lev Gor’kov and Alexei Abrikosov. Many owe their technical craft and the research directions that define their entire careers to the methods learned from this book.

Igor is survived by his wife Elena of 60 years, his daughter, three grandchildren and two great-grandchildren. A very private man, and an inhabitant of University Hills since his arrival to UCI in 1991, Igor could be met hiking surrounding hills or walking his dog in the early hours of the morning. His colleagues and friends will miss his modesty, erudition and a warm, if mischievous, smile.

*Sasha Chernyshev, 07.2021*

Text: <https://ps.uci.edu/news/2453>, Picture Credit: Nordita (Christen Hansen)

## PERSONALIA

## Памяти Игоря Ехиельевича Дзялошинского

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14 июля 2021 года скончался Игорь Ехиельевич Дзялошинский — выдающийся физик-теоретик, член-корреспондент Российской академии наук (РАН).

Ушёл последний из основателей Института теоретической физики (ИТФ) им. Л.Д. Ландау РАН, ближайший сотрудник и ученик Льва Давидовича Ландау.

Совсем недавно (в феврале 2021 года) многие из нас поздравляли в журнале *Успехи физических наук (УФН)* Игоря Ехиельевича с 90-летием и желали ему здоровья и сил для продолжения творческой жизни.

К сожалению, наше пожелание не исполнилось.

Огромный вклад И.Е. Дзялошинского в теоретическую физику хорошо известен и подробно описан в статье-поздравлении, опубликованной в *УФН* (т. 191 (2), с. 223, 2021 г.).

Здесь мы напомним лишь самое главное.

Для всех нас писать о И.Е. Дзялошинском — большая честь, окрашенная грустью.

Он был примером как для нас, так и для многих других учёных. Примером, которому ученики и коллеги старались соответствовать как в профессиональном, так и в личном плане. И.Е. Дзялошинский был выдающимся учёным, одним из ведущих физиков-теоретиков своего поколения. Его отличали глубокие знания физики и математики, научный опыт и воображение. Именно поэтому И.Е. успешно работал во многих областях теоретической физики, углубляя наше понимание магнитных явлений, фазовых переходов, низкоразмерных систем, жидких кристаллов, квантовых кристаллов и квантовых жидкостей, а также и многих других физических явлений. Значителен вклад И.Е. Дзялошинского в развитие методов теоретической физики.

Всех знавших И.Е. поражала исключительная напряжённость проживаемой им жизни, в которой успешная профессиональная карьера естественно сочеталась с глубокими знаниями и живым интересом в отношении широкого круга проблем.

Он был главой сектора теории магнетизма в ИТФ им. Л.Д. Ландау, а с 1991 года — профессором Калифорнийского университета в Ирвайне (США). Его научные достижения признаны отечественным и международным научным сообществом. Дзялошинский удостоен многих наград, он был редактором самых престижных российских журналов.

Советы и научные консультации Дзялошинского всегда пользовались широким спросом. Его научные



Игорь Ехиельевич Дзялошинский  
(01.02.1931 – 14.07.2021)

идеи вдохновляли и продолжают вдохновлять исследователей в наши дни.

Помимо научных достижений, Дзялошинский выделялся энциклопедическими познаниями как в физике, так и в далёких от неё областях: истории, психологии и литературе. Всем знавшим Дзялошинского он запомнился не только как яркий интеллектуал, но и исключительными человеческими качествами: благородством, справедливостью и верностью в дружбе.

А.Ф. Андреев, С.А. Бразовский, Е.И. Кац,  
П.С. Кондратенко, Н.М. Крейнес, В.В. Лебедев,  
В.П. Минеев, С.П. Новиков, С.П. Обухов,  
Л.П. Потаевский, Н. Спалдин, Д.Е. Хмельницкий.

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