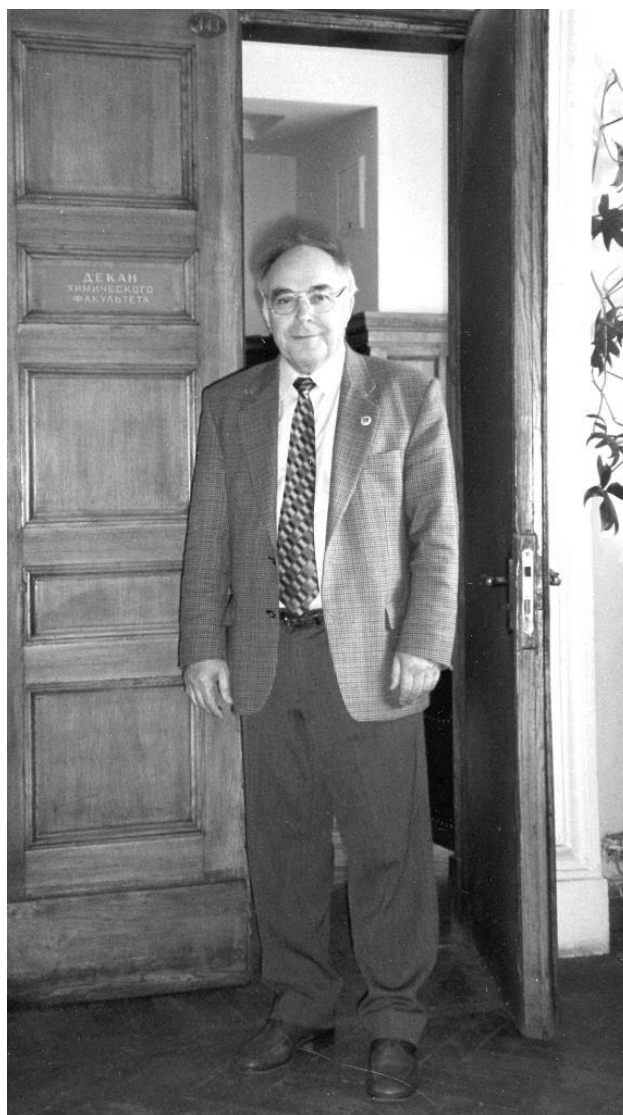


Валерий Васильевич Лунин



(31 января 1940 – 9 марта 2020)

Ушел из жизни доктор химических наук, профессор, академик РАН (с 2000 г.), президент Химического факультета МГУ им. М.В. Ломоносова, Валерий Васильевич Лунин.

Валерий Васильевич Лунин родился 31 января 1940 года в д. Богдановка Урицкого района Орловской области. В 1967 году окончил химический факультет МГУ им. М.В. Ломоносова, работал на кафедре химии нефти и органического катализа, а с 1987 года на кафедре физической химии, где заведовал лабораторией катализа и газовой электрохимии (с 1994 года — заведующий кафедрой). В 1990-1993 гг. был народным депутатом РФ.

Многим выпускникам химфака Валерий Васильевич запомнился прежде всего как декан — он возглавлял факультет в период 1992-2018 гг., а затем был президентом химфака. Как декан Валерий Васильевич уделял много внимания сохранению разнообразных традиций факультета, придавал большое значение развитию системы химических олимпиад. Он с увлечением руководил Оргкомитетами Международных химических олимпиад, одна из которых была проведена непосредственно в МГУ.

В 1972 году Валерий Васильевич защитил кандидатскую диссертацию «Исследование каталитической активности металлов IVБ и VIБ групп, содержащих водород в кристаллической решетке, в реакциях гидродегидрогенизации и изомеризации углеводородов», а в 1982 году - докторскую диссертацию «Структура и свойства катализаторов на основе гидридов интерметаллидов». Явление ускорения структурных и фазовых превращений в полиметаллических системах под влиянием водорода гидридных фаз оказалось полезно для создания новых катализаторов процессов промышленного органического синтеза, нефтехимии и нефтепереработки, в том числе углубленной переработки тяжелых нефтяных остатков, синтеза метанола и высших спиртов из CO и H₂, процессов экологической защиты водной и воздушной среды, разложения и утилизации хлорсодержащих органических отходов.

На кафедре физической химии Валерий Васильевич способствовал развитию нескольких крупных тематик, среди которых наиболее известны исследования по использованию сверхкритических флюидов для создания новых технологий и материалов и по применению озона в процессах водоочистки, гетерогенно-каталитических процессах, делигнификации лигнинсодержащих материалов (премия Правительства РФ 2006 г.). Результаты этих работ важны для переработки тяжелых нефтяных остатков, биомассы, детоксикации сложных органических соединений, для решения задачи очистки сточных вод, делигнификации лигнинсодержащих материалов. В частности, исследования коллектива были связаны с разработкой технологии переработки высококипящих отходов, состоящих преимущественно из хлорорганических соединений методом каталитического восстановительного дехлорирования (экологически чистая ресурсосберегающая технология, работы отмечены Ломоносовской премией Ученого Совета МГУ, 2010 г.). Еще одним направлением была радиационно-термическая регенерация катализаторов. Среди технологических работ следует указать также участие в промышленной реализации технологии двухступенчатого окисления аммиака в производстве азотной кислоты на основе сотового оксидного катализатора (в 1995-1998 гг. была внедрена на предприятиях ОАО «Азот» в городах Березники, Череповец и Невинномысск; отмечена премией Правительства РФ 1999 г.).

За различные циклы работ Валерий Васильевич был награжден премией имени А.А. Баландина Президиума РАН (1995), премией Президента РФ в области образования (1998), премии Правительства Москвы (2001), государственной премии РФ в области науки и техники (2003), юбилейной медалью к 175-летию Д.И. Менделеева (2008), золотой медалью салона изобретений EURECA и премией имени В.Н. Ипатьева Президиума РАН (2009), премией имени В.А. Коптюга Президиума РАН (2017). К этому неисчерпывающему перечню наград можно добавить избрание почетным доктором/профессором ряда университетов, почетным членом нескольких научных и образовательных обществ.

В.В. Лунин был главным редактором «Журнала физической химии» РАН, главным редактором журнала «Вестник Московского университета. Серия химия», с 2006 года — главным редактором журнала «Сверхкритические флюиды. Теория и практика», членом редколлегий ряда других научных журналов, заместителем академика-секретаря (Отделение химии и наук о материалах РАН), заместителем председателя Научного совета РАН «Катализ и его промышленное использование», председателем экспертного Совета ВАК.

Валерий Васильевич пользовался популярностью в студенческой среде, был открыт и демократичен в контактах с сотрудниками факультета. В начале 2022 планируется выпуск книги воспоминаний о нем <http://www.chem.msu.ru/rus/vvlunin-book/>.

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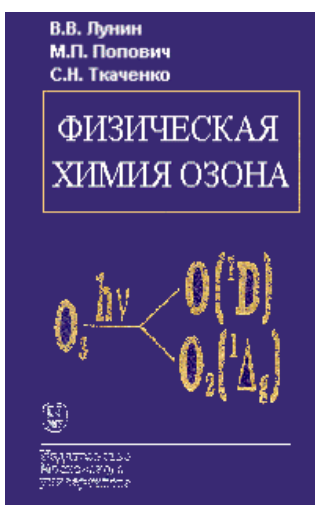
На фотографиях: В.В. Лунин в студенчестве, защита докторской диссертации, на Менделеевской олимпиаде

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