Олег Михайлович Саркисов

(19.02.1937-16.09.2012)

Скончался крупнейший отечественный ученый, профессор, доктор физико-математических наук, заместитель директора по научной работе Института химической физики им. Н.Н. Семенова О.М. Саркисов.

Ученый с мировым именем, основатель фемтохимии в России, выдающийся специалист в области динамики и кинетики элементарных реакций, лазерной спектроскопии и оптической микроскопии с широчайшим диапазоном научных интересов Олег Михайлович был одним из наиболее ярких ученых нашего Института.

До последних дней Олег Михайлович преданно и беззаветно служил науке, которая всегда была главным делом его жизни. Его крайне заинтересованное и одновременно бескомпромиссное отношение к результатам научных исследований было

одним из существенных факторов, определявших высокий уровень работ нашего Института. Без преувеличения Олега Михайловича можно было назвать научной совестью нашего Института.

Собственные работы Олега Михайловича всегда определяли передний край исследований не только отечественной, но и мировой науки. Он был одним из пионеров применения методов лазерной спектроскопии в исследовании кинетики химических реакций. Им созданы уникальные фемтосекундные технологии мирового уровня с нанометровым пространственным и фемтосекундным временным разрешением для изучения структурно-динамических закономерностей в различных системах. Впервые в мире им создана установка, сочетающая множество "лазерных скальпелей" с "голографическим лазерным пинцетом". Олег Михайлович является создателем нового, имеющего мировой приоритет метода исследования элементарных реакций — время разрешенной внутрирезонаторной лазерной спектроскопии, позволившей на несколько порядков увеличить чувствительность абсорбционной спектроскопии. С помощью этого метода был выполнен цикл фундаментальных исследований, позволивший предложить новые пути уменьшения выбросов оксидов азота в энергосиловых установках. Результаты этих исследований были реализованы при разработке новой технологии глубокой очистки дымовых газов теплоэлектростанций от оксидов азота с использованием селективного некаталитического восстановления. За эти исследования Олегу Михайловичу присуждена премия Правительства Российской Федерации в области науки и техники за 2004 год.

Обладая необычайно широкими научными интересами, Олег Михайлович в последние годы активно занимался применением фемтосекундных методов к исследованию биологических объектов. Эти исследования вызывали активный интерес среди биологов, высоко ценивших

эти результаты и отмечавших их большое влияние на современные биологические исследования.

Олег Михайлович вел активную преподавательскую работу в Московском физико-техническом институте. Окруженный молодыми сотрудниками и аспирантами, он постоянно генерировал новые идеи, которые с энтузиазмом воплощались в жизнь. Он воспитал большую группу талантливых специалистов, работающих сейчас как в России, так и за рубежом. Олег Михайлович был председателем секции "Химическая динамика" Научного совета РАН по химической физике, членом Научного совета РАН по химическому строению и реакционной способности, заместителем председателя диссертационного докторского Совета при ИХФ РАН, членом Ученого совета ИХФ РАН, членом редколлегий журналов "Химическая физика" и "Химия высоких энергий".

Олег Михайлович, необыкновенно яркий и творческий человек, ушел из жизни, полный жизненных планов, очень многое не успев доделать, додумать, организовать. Его уход — большая потеря для отечественной и мировой науки. И огромная, невосполнимая потеря для нашего Института и особенно для всех тех, кто близко знал Олега Михайловича и работал рядом с ним долгие годы.

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