

# Роман Алексеевич Буянов



(21.02.1927 – 4.12.2020)

Ушел из жизни член-корреспондент РАН, доктор химических наук, профессор Роман Алексеевич Буянов.

В 1949 г. Роман Алексеевич окончил инженерно-физико-химический факультет МХТИ (сам он написал об этом «...был в составе первого выпуска нового элитного и совершенно засекреченного факультета...»). В 1950 г. он начал трудовую деятельность на Чирчикском электрохимическом комбинате в Узбекистане («уехал по спецназначению на строительство и освоение сверхсекретного промышленного объекта по производству тяжелого водорода методом ректификации»). Позднее руководил сооружением ряда крупных промышленных объектов, в том числе, первого в Средней Азии завода сухого льда, крупной ТЭЦ, цеха азотной кислоты. В 1958-1961 гг. работал в Объединенном институте ядерных исследований в Дубне.

В 1960 г. за разработку и промышленное освоение технологии получения дейтерия методом ректификации жидкого водорода Р.А. Буянов награжден (в составе коллектива авторов) Ленинской премией. Эта технология была развита на основе разработок группы М.Г. Слинько из НИФХИ им. Л.Я. Карпова.

*«Нужно было ежечасно оживать и подвергать ректификации до 30 тыс. кубометров природного водорода. Аппаратура и ректификационные колонны высотой с трехэтажный дом работали при температуре минус 252 градуса по Цельсию, при которой воздух превращается в сильно переохлажденный лед! Для нас, участников этой эпопеи, работа была равнозначна подготовке к запуску первого спутника...»*

В 1961 г. Роман Алексеевич защитил кандидатскую диссертацию «Каталитическое превращение орто-водорода в пара-водород при низких температурах 78-21 К» (работы в этом направлении завершились созданием промышленного производства жидкого пара-водорода - ракетного топлива, на котором совершен полет космического корабля «Буран»). В том же году был приглашен Г.К. Боресковым в Институт катализа в СО АН СССР на должность его заместителя. С августа 1961 г. совмещал три должности: заместителя директора по науке, главного инженера и заведующего

лабораторией. До 1964 г. руководил строительством Института, организацией его инфраструктуры и всех его служб. Одновременно участвовал в решении ряда вопросов, связанных с организацией СО АН СССР.

В 1967 г. за участие в создании Сибирского отделения АН СССР и развитие науки в Сибири награжден орденом Трудового Красного знамени.

В 1972 г. защитил докторскую диссертацию. В 1976 г. ему присвоено звание профессора, а в 1977 г. – почетное звание Заслуженный деятель науки РСФСР. В 1981 году избран членом-корреспондентом АН СССР. В 1982 г. награжден вторым орденом Трудового Красного знамени, в 1987 г. – орденом Октябрьской революции.

Научно-исследовательская деятельность Р.А. Буянова в ИК РАН связана с развитием научных основ приготовления катализаторов и углерод-минеральных носителей, в том числе с применением механохимии. Исследуя причины дезактивации и разрушения промышленных катализаторов, дал им научную классификацию и раскрыл механизм «карбидного цикла» при зауглероживании катализаторов. При непосредственном участии Романа Алексеевича разработаны и освоены в промышленности катализаторы получения мономеров синтетического каучука, катализаторы сероочистки по методу Клауса, углерод-минеральные носители и катализаторы получения винилхлорида, носители на основе оксидов алюминия, катализаторы дегидрирования и др.

В течение 10 лет Р.А. Буянов был руководителем Координационного совета, представителем СССР в Совете уполномоченных стран СЭВ по созданию и освоению новых промышленных катализаторов.

В 1996 году перешел на должность советника РАН. По-прежнему активно участвовал в решении научных задач лаборатории дегидрирования, являлся членом научных и ученых советов. Был главным редактором журнала «Известия Сибирского отделения. Серия химических наук», заместителем главного редактора международного журнала «Химия в интересах устойчивого развития», членом редколлегий журналов «Катализ в промышленности» и «Кинетика и катализ».

Роман Алексеевич прожил яркую жизнь, имел огромный жизненный опыт. Для многих стал другом, мудрым наставником, терпеливым учителем.

Текст опубликован на странице [http://www.catalysis.ru/block/index.php?ID=1&SECTION\\_ID=2567](http://www.catalysis.ru/block/index.php?ID=1&SECTION_ID=2567), выше к нему сделаны небольшие изменения и дополнения, в том числе приведены цитаты из письма Р.А. Буянова к 90-летию М.Г. Слинько <http://www.nsc.ru/HBC/hbc.phtml?5+305+1>.

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