

SANG-CHUN RAH

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DATE OF BIRTH: September 10, 1952. Born in Taegu, Korea.

EDUCATION

- ◆ Massachusetts Institute of Technology, Cambridge, MA, USA: Doctor of Science in Chemical Engineering (February 1984)
- ◆ Seoul National University, Seoul, Korea: Master of Science in Chemical Engineering (February 1978)
- ◆ Seoul National University, Seoul, Korea: Bachelor of Science in Chemical Engineering (February 1975)

EXECUTIVE EDUCATION

- ◆ Stanford Graduate School of Business, Palo Alto, CA, USA: Silicon Valley E-Commerce Program (October 2000)
- ◆ Stanford Graduate School of Business, Palo Alto, CA, USA: Executive Program in Strategy and Organization (July 1995)
- ◆ Seoul National University, Seoul, Korea: Executive Program in Management (August 1988)

PROFESSIONAL CAREER

- ◆ SolBridge International School of Business: Director, CK-1 Project (December 1, 2015– Present)
- ◆ SolBridge International School of Business: Associate Professor (March 1, 2014 – Present)
- ◆ SolBridge International School of Business: Visiting Professor (August 30, 2010 – February 28, 2014)
- ◆ Dongguk University: Professor of Industrial Collaboration (September 2009 – April 2010): contract-base professorship sponsored by the Ministry of Knowledge Economy and the Ministry of Education, Science and Technology of Korean Government.
- ◆ Chung-Ang University: Brain Korea Professor of Chemical Engineering (September 2006 - February 2009): contract-base professorship sponsored by Ministry of Education, Science and Technology of Korean Government.
- ◆ SK Telecom: Executive Advisor (March 2004 – August 2006)
- ◆ SK Telecom : Senior Vice President, Office of the Staff to the President (December 1998 – March 2004): head of an office overseeing business activities and directly reporting to CEO of Korea's largest mobile communications company.
- ◆ SK Telecom : Director, Management Development Institute (September 1997 - December 1998): head of an institute developing management methodology at Korea's largest mobile communications company.

- ◆ SK Group : Director, Office of Corporate Management and Planning (January 1997 – December 2002): head of a team focusing on group-wide corporate strategy, new business development, and R&D activities at the chairman's office of Korea's third largest business conglomerates.
- ◆ Taehan Telecom : Director, New Business Development(1997): focusing on new business development at an SK Group affiliate company providing services to SK Telecom.
- ◆ Sunkyong Group (currently SK Group) : Senior Manager, Office of the Chairman for Management and Planning(1992-1996): head of a team focusing on corporate strategy, safety and environment, and R&D of Korea's third largest business conglomerates.
- ◆ Yukong Limited (currently SK Energy) : Senior Manager, R&D Division(1985-1991): various responsibilities including member of corporate R&D center planning and design team, head of a laboratory focusing on gasoline and petroleum products development and services.
- ◆ Massachusetts Institute of Technology : Visiting Scientist, Energy Laboratory(1985-1987): member of a research group focusing on coal-water fuel study.
- ◆ Massachusetts Institute of Technology : Research Fellow, Energy Laboratory(1984): study of natural gas combustion
- ◆ Korea Institute of Science and Technology (KIST): Part-time Researcher, Chemical Process Laboratory(1975): study of carbon monoxide gas poison from anthracite briquette burning.

SPECIALTY: combustion engineering, fuel research, chemical reactor analysis, petroleum products, air pollution control, energy analysis, chemical process industry study, technology management, R&D strategy, strategic management, business renovation, applied mathematics

PUBLICATIONS

허정림, 나상천, 이현구, “에틸렌의 接觸酸化에 의한 酸化에틸렌의 合成,” 화학공학, 16, 109 (1978).

나상천, 이현구, “石炭氣化工程,” 에너지, 1, 24 (1978).

나상천, 이현구, “C₄ 溜分の 가스 크로마토그래피 分析,” 화학공학, 17, 73 (1979).

S.C. Rah, L.D. Timothy, J.M. Beer, and A.F. Sarofim, “Soot Formation during the Combustion of Coal and Fuel Oils,” 2nd State-of-the-Art Research Seminar, US EPA, Research Triangle Park, July 28-29, 1982.

나상천, “液體燃料 液滴列의 燃焼,” 화학공학, **20**, 481 (1982).

S.C. Rah, A.F. Sarofim, and J.M. Beer, “Transmittance of Collimated Radiation by a Cylindrical Absorbing Column,” *Int. J. Heat Mass Tr.*, **27**, 311 (1984).

S.C. Rah, “Combustion of Liquid Fuels and Pollutant Formation: A Review. Part I. Liquid Fuel Combustion Process,” *Kor. J. Chem. Eng.*, **1**, 89 (1984).

S.C. Rah, “Combustion of Liquid Fuels and Pollutant Formation: A Review. Part II. Pollutant Formation,” *Kor. J. Chem. Eng.*, **2**, 1 (1985).

S.C. Rah, A.F. Sarofim, and J.M. Beer, “Ignition and Combustion of Liquid Fuel Droplets. Part I: Impact on Pollutant Formation,” *Combust. Sci. Tech.*, **48**, 273 (1986).

S.C. Rah, A.F. Sarofim, and J.M. Beer, “Ignition and Combustion of Liquid Fuel Droplets. Part II: Ignition Studies,” *Combust. Sci. Tech.*, **49**, 169 (1986).

T.U. Yu, S.C. Rah, S.W. Kang, and J.M. Beer, “Measurement of Viscosity of Coal-Water Fuel at High Shear Rate,” 8th Int. Symp. Coal Slurry Preparation and Utilization, Orlando, FL, May 27-30, 1986.

나상천, “석유산업의 여건변화와 성장전략,” 조동성 편 “석유산업의 구조와 전략,” 195 쪽-225 쪽, 서울 박영사, 1987.

나상천, “가열용 연소로 해석,” 한국화학공학회 추계 학술 발표회 (1987).

나상천(연구 용역 책임자), “크린 에너지토피아 제주 추진을 위한 기본 계획 수립,” 동력 자원부 정책 용역 (1991N-NC02-P-02) 최종 보고서, 1991.

조용우, 김경원, 나상천, “휘발유 배합제로서의 MTBE,” 자동차 공학회지, **13**(1), 25 (1991).

조용우, 김경원, 나상천, “저공해 자동차 연료,” 자동차 공학회지, **13**(3), 82 (1991).

S.C. Rah, "Large Enterprise's Role to Promote Promising Venture Business," KOVA-MIT Venture Conference, Seoul, Korea, July, 1999.

나상천, "中國代表綠茶 西湖龍井茶," KTX Magazine, 2007 년 2 월호, 82 쪽 -85 쪽.

Kyung Hee Lee, Sang-Chun Rah, and Sun-Geon Kim, "Formation of Monodisperse Silver Nanoparticles in Poly(vinylpyrrolidone) Matrix Using Spray Pyrolysis," J. Sol-Gel Sci. Tech., **45**(2), 187, 2008.

Chang Sool Kim, Ki Woong Ahn, Sang-Chun Rah, and Sun-Geon Kim, "Preparation of Silica Nanostructured Spheres by Sol Spray Drying," Drying Tech., **26**(3), 260, 2008.

Eun Kyung Park, Sang-Chun Rah, and Sun-Geon Kim, "Effect of Gas Environment on Properties of Particles Prepared by Spray Pyrolysis of metal nitrates," Kor. J. Chem. Eng., 25(4) 885-891(2008).

張潮 原著/羅尚天 編, 漢文 國文 英文 日文中으로 읽는 幽夢影," 순천 늘보기 획, 2013.