

## Romesh Kumar

Argonne National Laboratory  
Chemical Sciences and Engineering Division  
9700 South Cass Avenue, Building 205  
Argonne, IL 60439  
phone: 630/252-4342, fax: 630/252-4176  
e-mail: [kumar@anl.gov](mailto:kumar@anl.gov)

### Professional Experience

- **Present.** Argonne National Laboratory.
  - Transportation applications of fuel cells:
    - fuel cell system design and analysis,
    - reformate processing for fuel cell systems, and
    - catalytic and sorbent materials development.
  - Emission, transport, and transformation of energy-related pollutants, such as those that lead to acid rain and acid deposition from the atmosphere.
  - Post-accident heat removal following hypothetical core-disruptive accidents in liquid-metal-cooled fast breeder reactors (LMFBRs).
  - Distribution, measurement, and control of tritium in LMFBRs.

### Education

- Ph.D., Chemical Engineering, University of California, Berkeley.
- M.S., Chemical Engineering, University of California, Berkeley.
- B.Sc., Chemical Engineering, Panjab University, India.

### Awards

- University of Chicago Medal for Distinguished Performance (2004)
- Partnership for a New Generation of Vehicles (PNGV) Medal (1998)

### Publications & Patents

- Patents: 10