

Where 2B & Y

- cellular process monitoring; in vitro/in vivo reporter gene luminescent techniques
- luminescent immunoassays and nucleic acids detection
- molecular luminescent imaging
- (miniaturized) capillary electrophoresis and chromatographic techniques, hyphenated methods
- luminescence in flow-assisted analysis
- new luminescence detectors and principles in separation sciences
- biosensors and whole-cell biosensors; resonance energy transfer techniques
- luminescent analysis: method validation and regulatory issues; chemiometric tools, computer-assisted luminescence
- luminescence applications: environmental, forensic, counterterrorism, occupational medicine, food, drug, clinical chemistry, proteomics, genomics, materials, industry

Workshops:

- luminescence-based detection methods to improve food safety
- noninvasive luminescent techniques for cultural heritage science and preservation
- point-of-care testing (POCT) devices based on luminescence
- light on the crime scene: forensic applications

 www.isls2008.unibo.it



Green Chemistry

14–20 September 2008
Moscow–St. Petersburg, Russia

The **2nd International IUPAC Conference on Green Chemistry (ICGC-2)** will be held 14–20 September 2008 aboard the ship “Mikhail Kalinin,” which will travel from Moscow to St. Petersburg, Russia.

The IUPAC ICGC-2 will take place under the auspices of IUPAC, Russian Academy of Sciences, Russian Foundation of Basic Researches, Russian Ministry of Education and Science, and M.V. Lomonosov Moscow State University. The conference will be organized by the Chemistry Department of Moscow M.V. Lomonosov State University, Russian Academy of Sciences, and Scientific-Educational Center “Sustainable-Green Chemistry.”

It is intended that the topics of the conference will attract academicians, researchers, industry representatives, as well as students interested in green chemistry. The conference will be based on plenary lectures, invited lectures, and oral and poster presentations. Work group discussions will be organized as well. The conference is expected to attract participants from all over the world.

The main topics will include:

- benign synthesis routes (heterogeneous catalysis, homogeneous catalysis, enzymatic catalysis,



One of the stops on the boat trip is Kizhi Island, which features The Church of the Transfiguration and The Church of the Intercession, two 18th-century wooden churches.

- alternative solvents, new reagents)
- future green energy sources (hydrogen technology; fuel-cell technology; energy saving)
- use of renewables (new biomass technologies; plant polymers; biofuels)
- benign process technology (microreactor technique; microwave technology; photo chemistry)
- education in green chemistry

The deadline for abstract submission is 30 March 2008.

See **Mark Your Calendar** on page 37 for contact information.

 www.icgc2008.ru