

Bridging the gap between science and engineering

Dr. Guy Doré, Department of Civil Engineering, Laval University, Québec City, Canada



Scientists seek to understand phenomena, the behavior of matter and the interaction between the components of complex systems. They find satisfaction in the development of new knowledge. Engineers plan, design, build, manage and maintain the works needed for human activities. They make decisions based on reliable properties and models. They find satisfaction in the development of safe and high-quality infrastructure. Scientists and engineers need each other but don't always speak the same language and get along easily. Can we help to bridge the gap?