

Sustainable Flow Chemistry

Luigi Vaccaro, Laboratory of Green Synthetic Organic Chemistry, Dipartimento di Chimica, Biologia e Biotecnologie, Università di Perugia, Perugia, Italy

The session presents the emerging topic of modern flow chemistry and illustrates its important connection to sustainable chemistry. Focusing on more sustainable methods and applications, the presentation will cover every important field from reaction time optimization to waste minimization, and from safety improvements to microwave applications. In addition, green metrics will be presented to evaluate the efficiency of flow technologies and their impact on the overall efficiency of a chemical process.