Dimension stone holds increasing importance as a sustainable construction material. Its inherent natural variability demands careful technical appraisal before extraction and utilisation with ongoing assessment after use. Heritage designation of those specific materials that associate closely with human culture can also assist policy-maker interest in stone built heritage, encourage the use of local natural stone and ensure the ongoing availability of the natural stone resources that are required for the maintenance of the built heritage and the quality of new buildings. This session caters to contributions on the entire spectrum of dimension of stone research and the associated technical assessment and heritage issues.