

12th International Symposium on Knappable Materials

Budapest, 18th - 22th November 2019

Session Proposal: Geology and mineralogy of knappable materials

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The correct classification of lithic knappable materials has to be based on geological knowledge of their natural occurrences. This approach can help us to understand what are differences between flint and chert, chert and limnosilicite, jasper and radiolarite, quartzite and silicite. Also it can help us detect different raw materials that are common and very similar in appearance and structure but originate in different and distant geographical areas. In addition in some part of the world without larger sources of high quality silicites there were used various silica minerals or volcanic glasses (e. g. Central America). Similarly in Central Europe we have ascertained very specific raw materials such rock crystal, siliceous weathering products of serpentinites, fine-grained acid volcanics, silicified woods or petrified corals. The session should solve both correct classification of traditional raw materials and draw our attention on unusual materials used for knapping.