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## *On uniformization of valued fields*

The classical local uniformization conjecture implies the weaker conjecture stating that if  $k$  is trivially valued and  $K/k$  is a finitely generated extension of valued fields then there exists a transcendence basis  $x = (x_1, \dots, x_n)$  such that  $K$  is unramified over  $k(x)$ . I call the latter conjecture uniformization of valued fields and expect that it encapsulates a very essential part of the local uniformization conjecture. The lecture will be devoted to this conjecture, its variations and (very weak) partial results.