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Abstract: The aim of the series of Oberwolfach meetings on `Explicit methods in number theory' is to bring together people attacking key problems in number theory via techniques involving concrete or computable descriptions. Here, number theory is interpreted broadly, including algebraic and analytic number theory, Galois theory and inverse Galois problems, arithmetic of curves and higher-dimensional varieties, zeta and L-functions and their special values, and modular forms and functions.

Although considerable attention is paid to computational issues, the emphasis

is on aspects and experiments that are of interest to the pure mathematician.