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**Contents of the lectures "Conformal field theory",
SS 2014, Krippen, March 30 - April 04, block course of the
Research Training Group (GK 1504)**

Literature:

There is a huge set of papers related to the subject. At few places there will be references in the manuscript. A good starting point for diving into the literature are the following papers and references therein.

H.A. Kastrup, "On the Advancements of Conformal Transformations and their Associated Symmetries in Geometry and Theoretical Physics", arXiv:0808.2730

S. Rychkov, "EPFL Lectures on Conformal Field Theory in D$\geq$ 3 Dimensions", https://sites.google.com/site/slavarychkov/

Yu. Nakayama, "A lecture note on scale versus conformal invariance", arXiv:1302.0884

For two-dimensional conformal field theory one can start with the book

P. Di Francesco, P. Mathieu, D. Senechal: "Conformal Field Theory" Springer

or with one of the many good books or reviews related to string theory.