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The NSF Condensed Matter and Materials Theory Program

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The Condensed Matter and Materials Theory (CMMT) Program in the Division of Materials Research is the home of condensed matter theory at the National Science Foundation. CMMT awards reflect a vibrant community with expanding scientific horizons and opportunities. I will present an overview of the CMMT program. Opportunities for theory and computation to open new directions and stimulate emerging frontiers will be discussed. Engaging research across disciplinary boundaries maintains the vitality of the field, leads to an agile next generation of theoretical and computational condensed matter physicists, and advances understanding of the world on the scale of life.