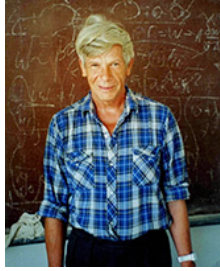


VII International Conference “Models in Quantum Field Theory”  
(MQFT-2022)



Contribution ID: 32

Type: **Plenary Talk**

## On analytic properties of correlation functions in various patches of Minkowski and de Sitter spaces

*Monday, 10 October 2022 12:00 (45 minutes)*

We consider correlation functions for Poincare and de Sitter invariant states in the corresponding spaces. We study loop corrections to these correlation functions in various charts of these spaces. We find that the corrections contain certain IR contributions which affect the properties of the correlation functions and in certain cases can lead to the violation of the isometry in the loops.

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**Session Classification:** Plenary Session

**Track Classification:** Section A: Mathematical methods in QFT