Title: Session 1 - Valentina Prilepina

Speakers: Valentina Prilepina

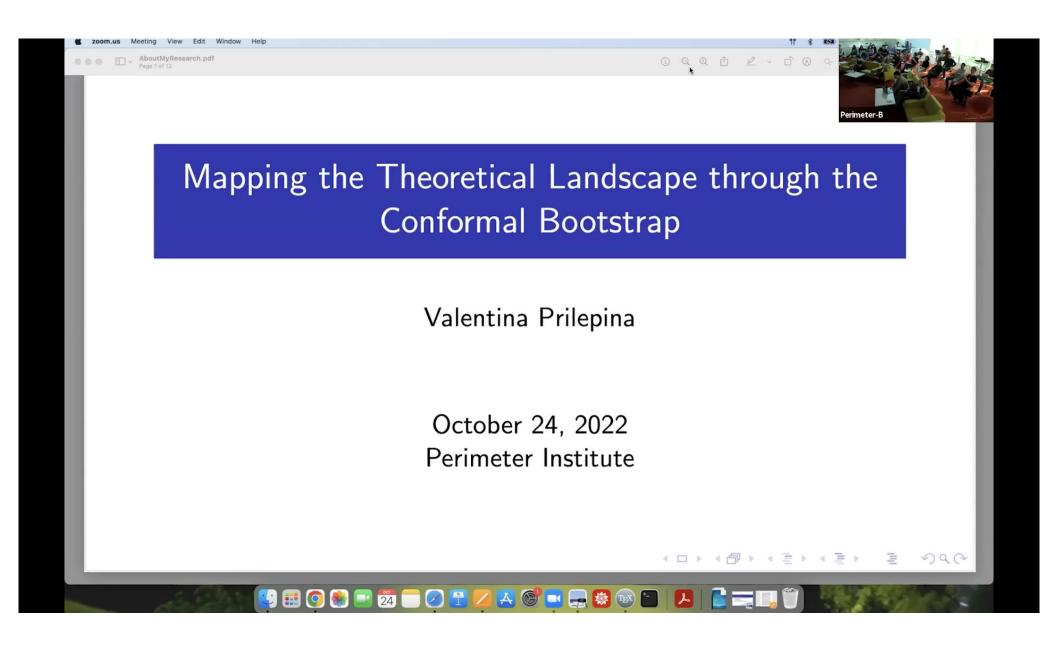
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Date: October 24, 2022 - 10:20 AM

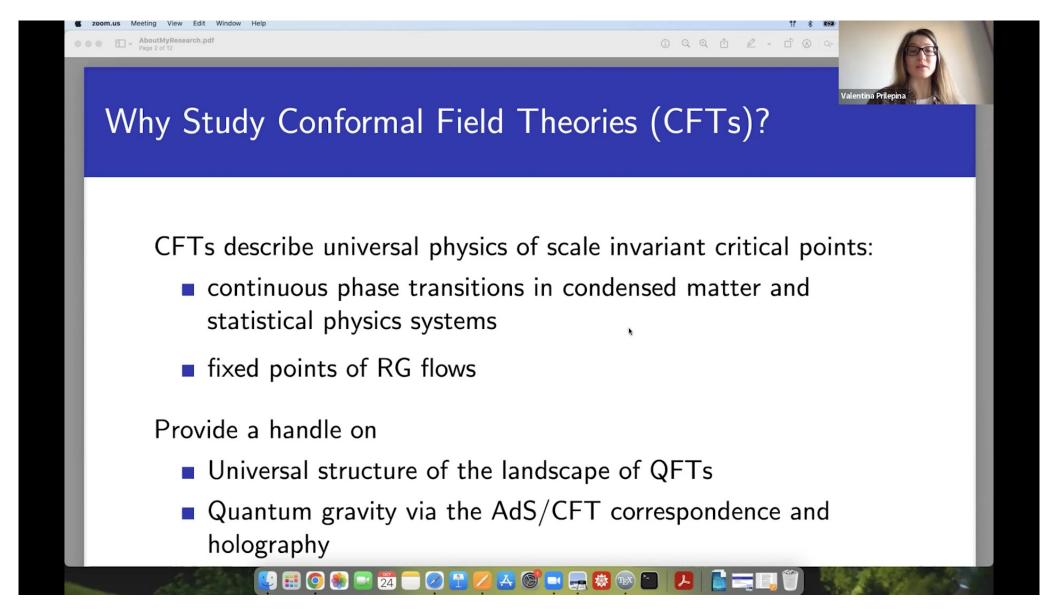
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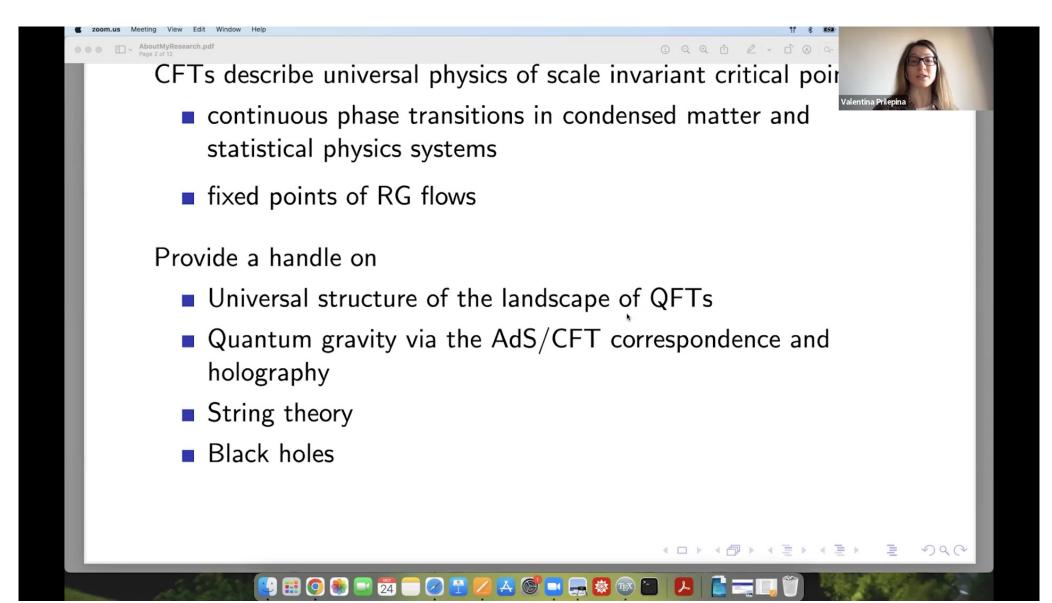
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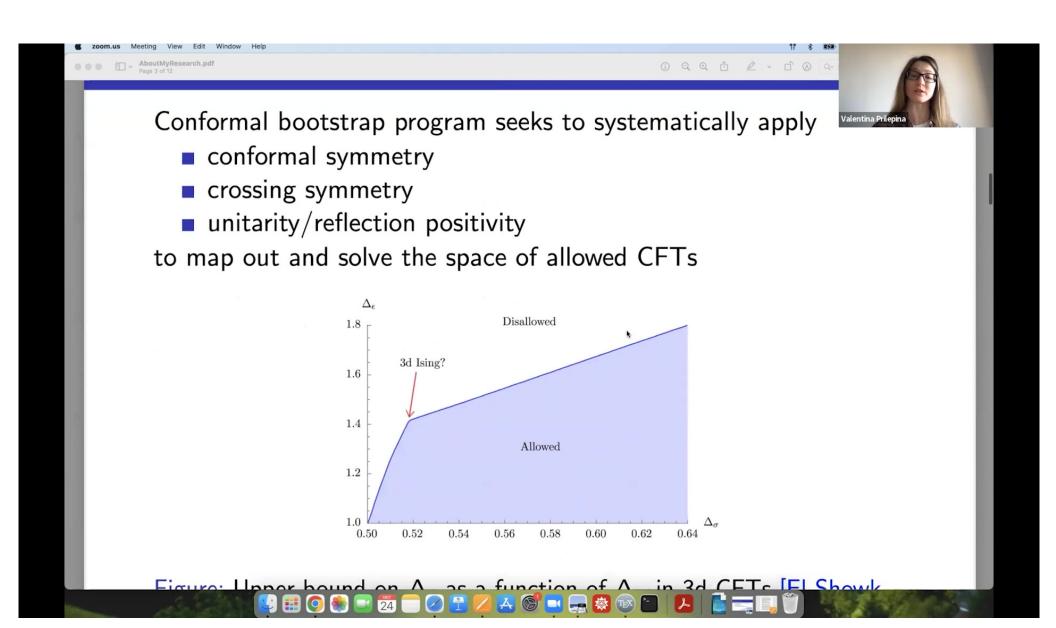
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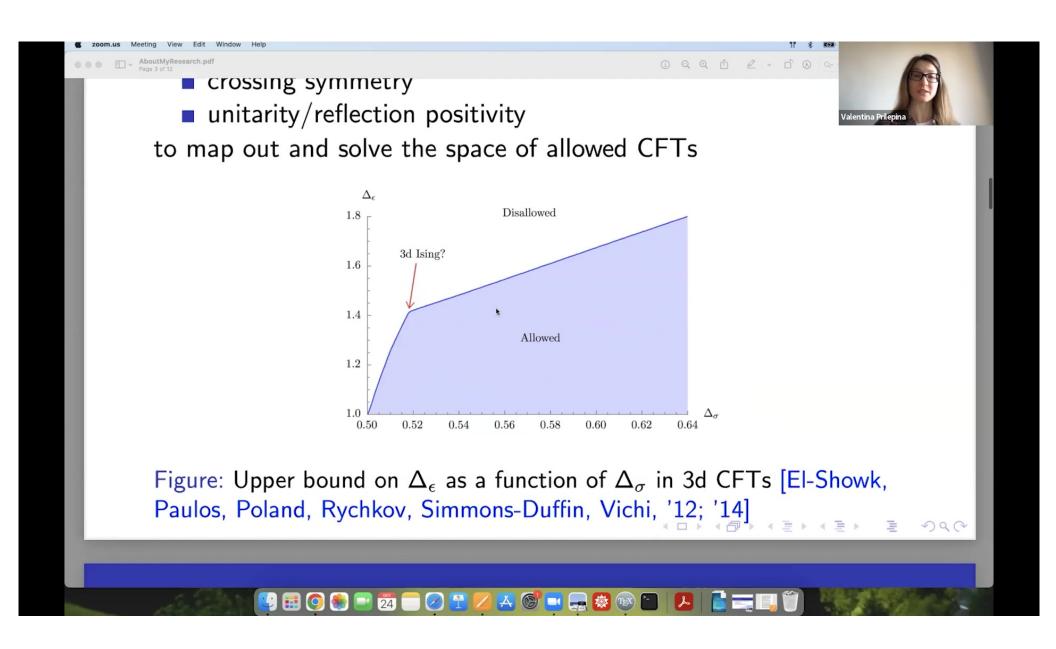
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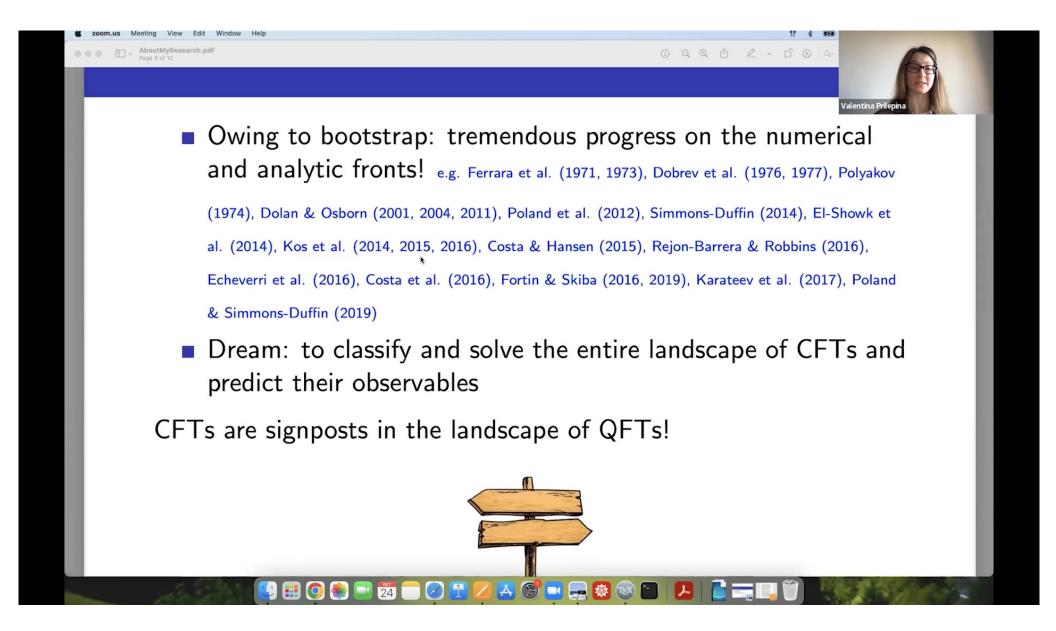
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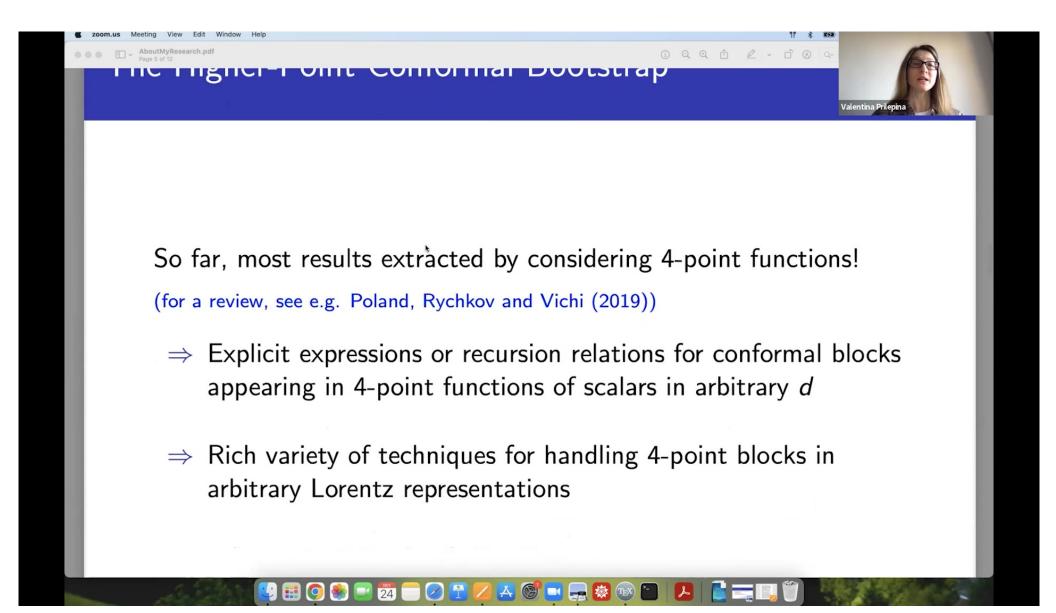
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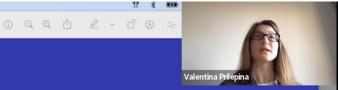
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## Goal of this Work

## We seek to

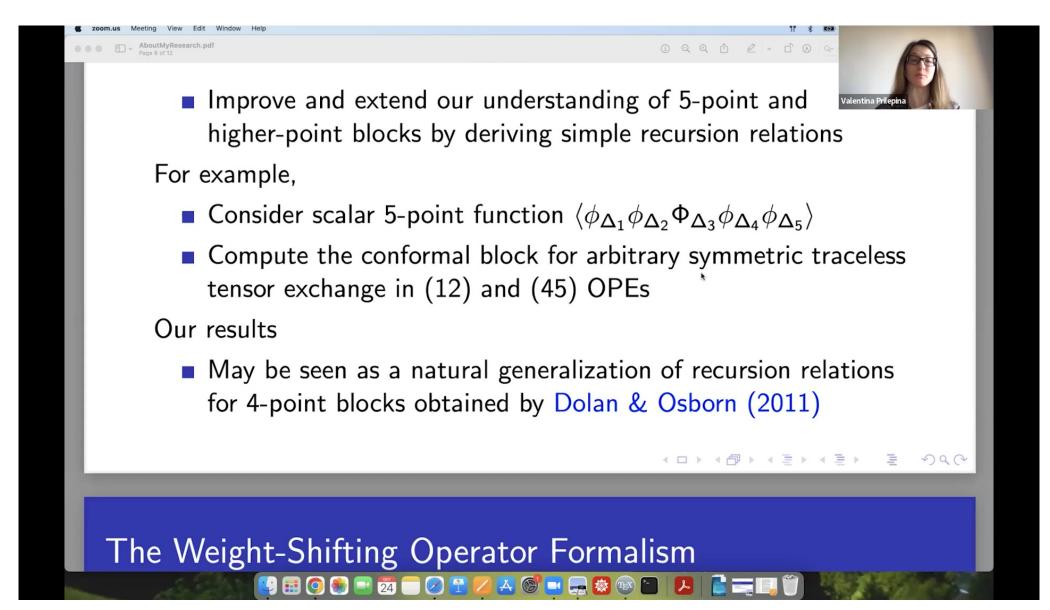
- Identify a simple and practical approach to computing 5-point and higher-point blocks
- Improve and extend our understanding of 5-point and higher-point blocks by deriving simple recursion relations

For example,

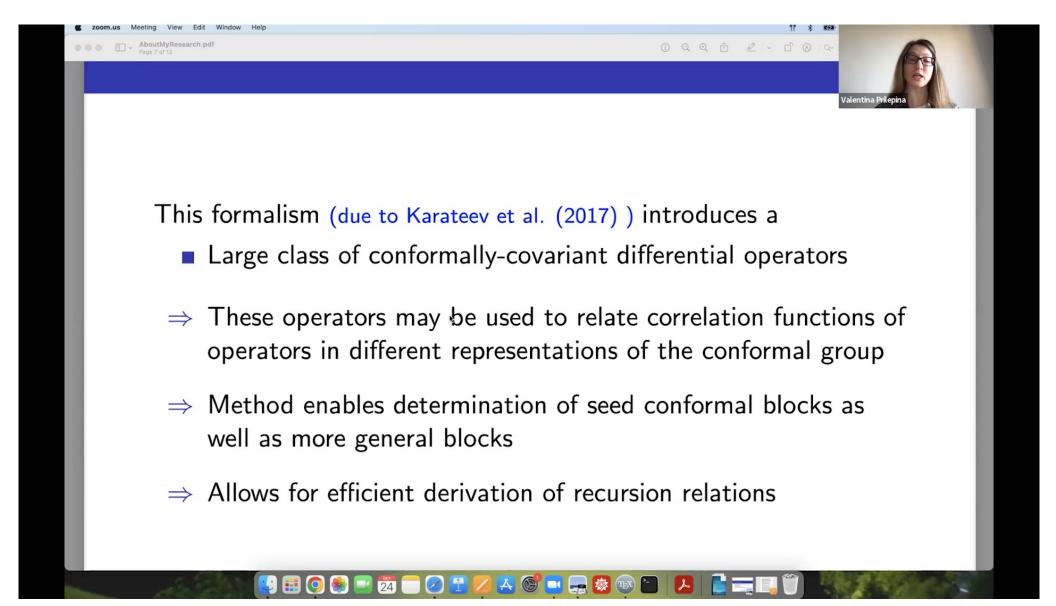
- Consider scalar 5-point function  $\langle \phi_{\Delta_1} \phi_{\Delta_2} \Phi_{\Delta_3} \phi_{\Delta_4} \phi_{\Delta_5} \rangle$
- Compute the conformal block for arbitrary symmetric traceless tensor exchange in (12) and (45) OPEs



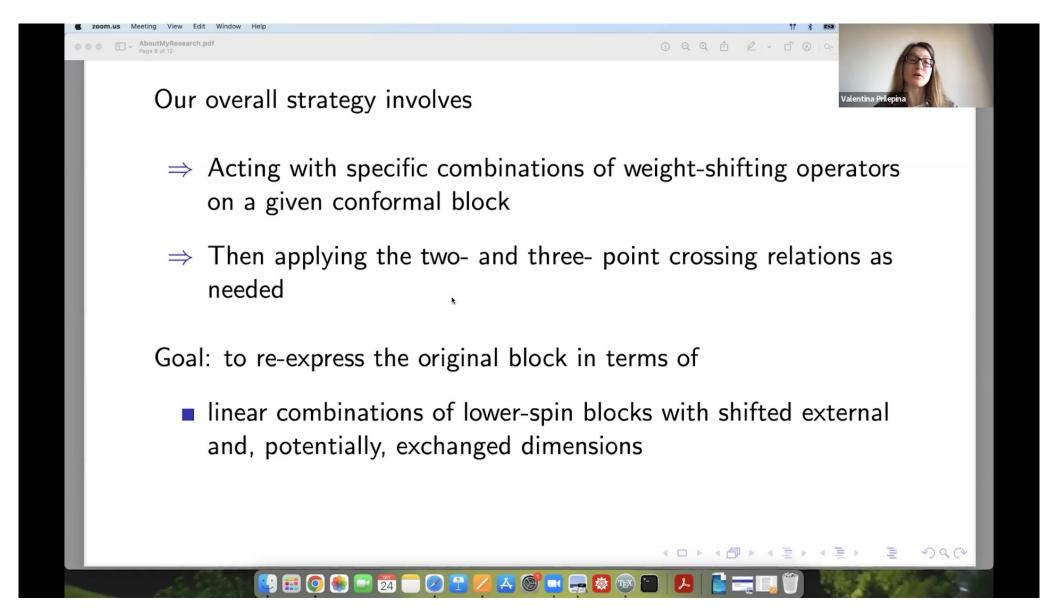
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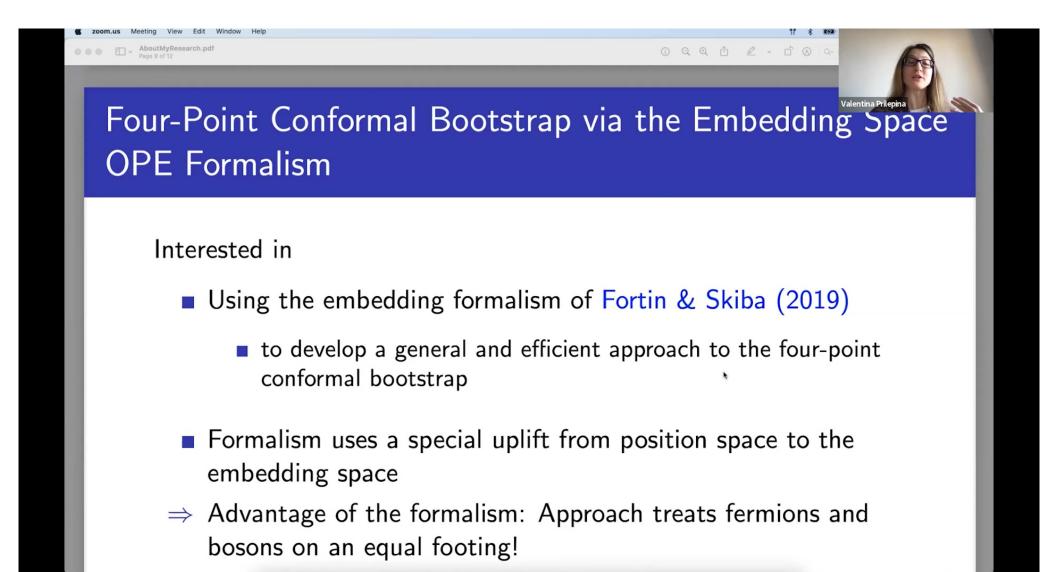
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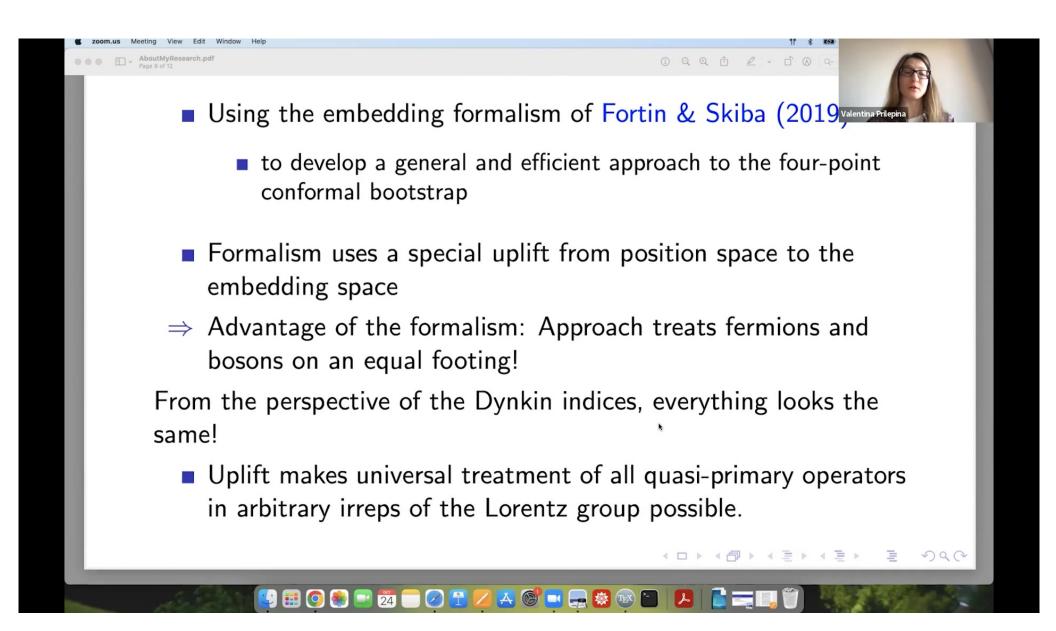
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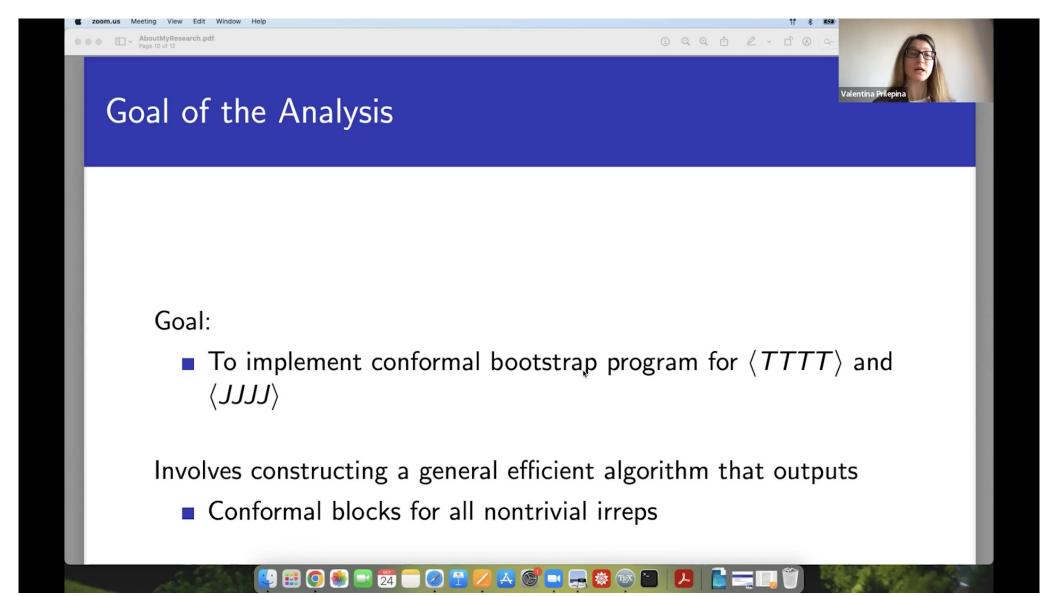
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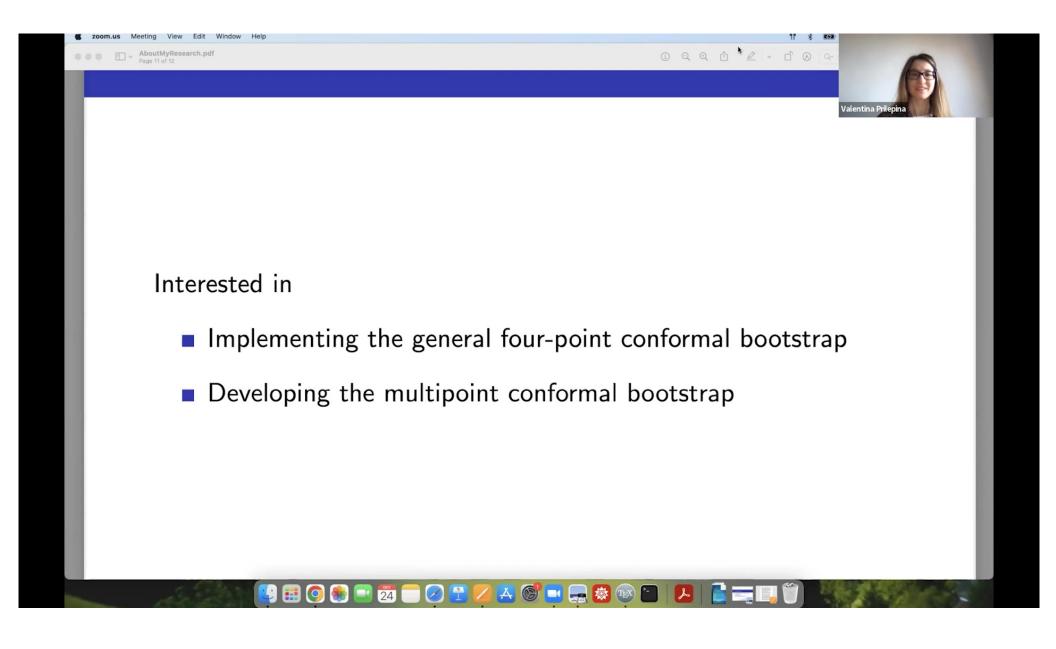
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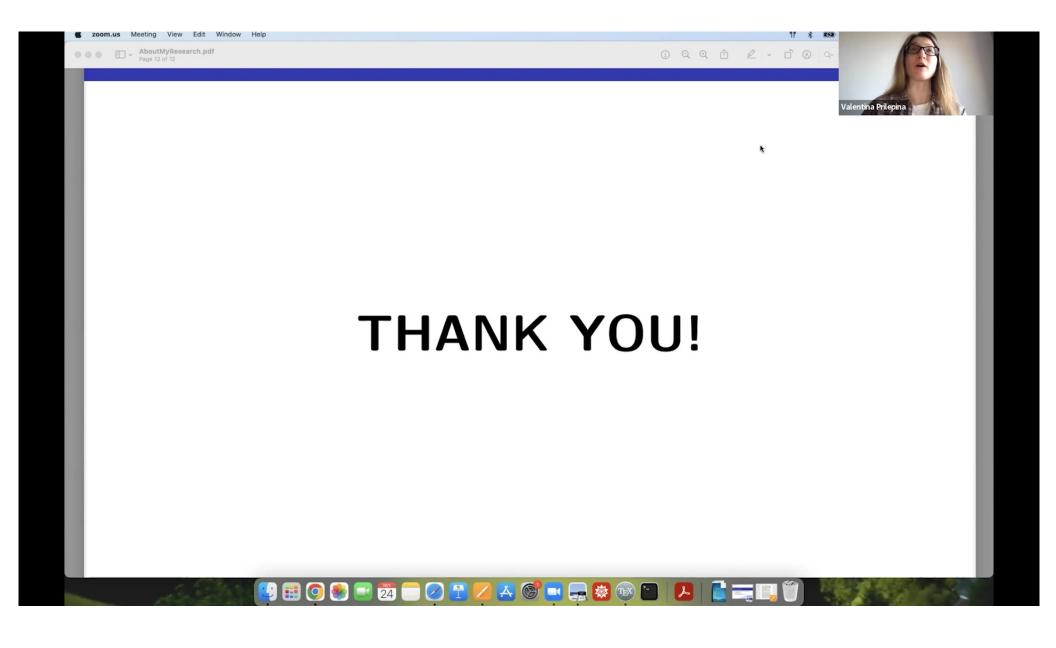
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