

POEMA

<i>Meeting Type</i>	<i>POEMA 3rd Workshop</i>
<i>Date</i>	<i>29 January 2021</i>
<i>Time</i>	<i>10:00 – 16:00 CET</i>
<i>Speakers</i>	<i>Jeffrey Zhang (Carnegie Mellon University)</i> <i>Michal Kocvara (University of Birmingham)</i> <i>Greg Blekherman (Georgia Tech)</i> <i>Annie Raymond (University of Massachusetts)</i>
<i>No of attendants</i>	<i>60</i>

<p>Talk: Locally Positive Semidefinite Matrices by Greg Blekherman (Georgia Tech)</p>	<ul style="list-style-type: none"> • Corbinian Schlosser: Is there a coordinate free formulation?
<p>Talk: Graph Density Inequalities, Sums of Squares and Tropicalization by Annie Raymond (University of Massachusetts)</p>	<ul style="list-style-type: none"> • Daniel Brosch: Do you get the same graph profile if you only consider densities in the limit? • Daniel Brosch: the poly -eps is nonnegative, and poly -eps + eps is SOS • Khazhgali Kozhasov: how does it follow from positive stellsatz? • Daniel Brosch: In Razborovs paper you do get some factors when unlabelling graphs, why do they not appear here? • Markus Johann Schweighofer: Why are squares nonnegative? • Monique Laurent: the multiplication of graphs is defined so that the density of product is the product of densities, right?