Report on the outcomes of a Short-Term Scientific Mission[[1]](#footnote-1)

Action number: CA18232

Grantee name: Netanel Levi

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| **Details of the STSM**  Title: Potsdam-Technion-Hebrew University collaboration  Start and end date: 18/09/2022 to 22/09/2022 |
| **Description of the work carried out during the STSM**  Description of the activities carried out during the STSM. Any deviations from the initial working plan shall also be described in this section. |
| *(max. 500 words)*  During this week, we met with many people who work in areas of mathematics close to our own. Most of us gave lectures which present their work, and then there was time for discussion on that subject and on possible future prospects. |
| **Description of the STSM main achievements and planned follow-up activities**  Description and assessment of whether the STSM achieved its planned goals and expected outcomes, including specific contribution to Action objective and deliverables, or publications resulting from the STSM. Agreed plans for future follow-up collaborations shall also be described in this section.  *(max. 500 words)*  The STSM achieved its planned goals, as we made many new connections with people from other universities which do research in similar areas of mathematics. We became more aware of current research interests of those people, and informed them on our own interests. The STSM set the ground to many potential collaborations in the future, one of which is to further study the relation between the symmetries of a graph, and decompositions of the Laplacian on the graph into a direct sum of operators acting on a line. |

1. This report is submitted by the grantee to the Action MC for approval and for claiming payment of the awarded grant. The Grant Awarding Coordinator coordinates the evaluation of this report on behalf of the Action MC and instructs the GH for payment of the Grant. [↑](#footnote-ref-1)