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"The traveling scientist": an agent for STEM knowledge sharing and youth mentorship in local communities.

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According to data collected anonymously in STEM scientific hubs by Lecturers Without Borders, more than 40% of researchers employed in High Income countries realize between 2-5 work-related travels yearly. This presents a largely untapped potential of in-person scientific dissemination towards the local communities that surround those destinations. Secondary education institutes, private and public schools as well as youth associations, consist welcoming hosts for conference and workshop participants who travel to their location. The program "EPSC Goes Live for Schools" materializes this opportunity for the past 5 years, helping local societies to benefit from the mobility of the scientists and the capital of scientific knowledge that is concentrated for a short time near them during an EPSC conference. The program has been replicated for other STEM conferences with success. Contrary to the occasional nature of the conferences, the interaction between the scientists and the young audience can foster long-term channels of communication and mentorship between them. We present the scheme for exporting this model to more astronomy and planetary science conferences, the best practices and lessons learnt so far as well as future directions. The project's main organizer and the activity of the Lecturers Without Borders NGO have been awarded with the ESA Champion in Education 2nd place in 2021 for their contribution in space education.