

DELIVERABLE 1: Prepare a plan for dissemination and outreach activities for the entire lifetime of the Action, with regular updates each 12 months.

A flyer of the G2net COST Action CA17137 was produced in the First Grant Period in order to support the visibility of our action in the events organized by our members and from the support of the action itself. These flyers are available to be printed and also included in virtual announcements.

A website was created at the beginning of the First Grant Period in order to have the key information of our Action, Working Groups, Short Term Scientific Missions (STSM), Inclusiveness Target Countries (ITC) Grants and Publications, as well as Objectives and Deliverables. Also, social media accounts were created at that time, and we use them as platforms to highlight announcement of the organized events by our Action, publications of our members, and interesting news related to the main objectives of our Action.

G2net members were also involved in more specific dissemination activities. Dr. Luigia Petre, member of G2net, chair of Working Group 3 and member of the Science Communication team, was personally present at the Digital Excellence Forum ICT Proposers' Day 2019 in Helsinki (Finland), with flyers and booklets produced by our Action. The booklet included the description of the Action and the main objectives, an overview of the different Working Groups, some details about the STSM and final contact information (website, social media accounts...). She was at the COST stand and was accompanied by our COST Action Science Officer Ralph Stuebner. We hope to be able to participate in these kind of activities in the near future if international meeting activities are resume in Europe.

Recent collaboration between members of the Working Group 1 and Working Group 2 resulted in a proposal which is currently in discussion with Kaggle to host an international competition for data scientists using Gravitational Wave data. This will act as a platform to outreach new scientists not necessarily working in the field of Gravitational Waves and encourage them to contribute to our COST Action. The school particularly encourages the presence of underrepresented groups and the organizing committee, besides action chair and co-chair, also includes ITC members and PhD students.

There were a few planned activities that were canceled due to the COVID-19 pandemic. A dissemination activity after the Working Group 1 meeting in Valencia (Spain) was planned for ending of 2020 / beginning of 2021. In this dissemination activity other colleagues working in Machine Learning techniques in different scientific branches were invited to know more about our Action, with the objective of generating synergies and future collaborations. Also, some representatives from companies were invited to join the event. The dissemination activity had short presentations of the different groups or companies, followed by a joint long coffee break to informally discussed about the common interests. This activity was canceled because we had no guarantee of traveling of G2net members and the possibility to have a meeting with a significant large number of people. We hope to be able to organize a similar activity in the future, if traveling and meeting conditions enable it.

Also, a short video to let general public know more about our Action was planned to be designed and recorded at the beginning of 2021, with the participation of a few G2net members, in collaboration with an association with experience in short films and documentaries. This video was thought as a deliverable of our Action to be used beyond the G2net Action period. Unfortunately, also due to the pandemic, the original idea has had to be changed and we are currently redesigning the script to be able to produce some good material without the personal interaction of our Action members. The hope is to be able to record the needed material during the first months of 2021 and to finish the short video during 2021.