

Torino, August 19th 2020

Dear Colleagues,

In the wake of the informal contacts with you all, I am pleased to invite you to the H2020-
MSCA-ITN-EID SMaRT Workshop on Industrial Reporting that will take place on

Wednesday, September 16th, 2020 (9h00 - 12h00)
by means of Skype Conference Call platform
because of the restrictions due to Covid-19 pandemic

The event is addressed to you all, as Industrial Partner Organizations, Early Stage
Researchers, Tutors and co-Tutors involved in the SMaRT consortium.

The final workshop is intended to report to the Industrial Partner Organizations the results
of the SMaRT Research & Developments activities that are considered the most relevant
to industrial applications.

By this final workshop, the SMaRT beneficiaries acknowledge the support given in
different forms by the industrial Partner Organizations (Astaldi, Hitachi Rail, Salcef-Reco)
within the project.

I hope the workshop will be an opportunity for Industrial Partner Organizations to know in
advance results that could help them to innovate in their fields, and a further chance for
ESRs to be trained in industrial dissemination.

Please find in the following the preliminary Agenda.

Please confirm your attendance by replying to this email, and sent to me your Skype ID
account.

I am looking forward to meeting you on the day.

Yours sincerely,

Luca Bruno
(SMaRT scientific coordinator)

Marie Skłodowska-Curie Action - Innovative Training Networks - European Industrial Doctorate
Sand Mitigation along Railways Tracks – SMaRT

Workshop on Industrial Reporting

September 16th, 2020
Skype Conference Call

Preliminary agenda

- 09:00 – 09:15 (CET)** **Welcome to participants and objectives of the workshop:**
Training in industrial reporting for ESRs and their Tutors, innovation opportunities for Partner Organizations
Luca Bruno, SMaRT scientific coordinator
- 09:15 – 09:30** **Field tests on an existing track system for desert: why T-Track™ doesn't properly work as SMM**
Speaker: *Giles Wiggs (Oxford University), together with Nicolas Coste (Optiflow Company)*
- 9:30 – 09:45** **Computational simulations on other track systems: standard ballasted system as an hellhole in desert; humped sleepers as a partial answer (Voestalpine patent)**
Speaker: *Roberto Nuca (Optiflow Company), together with Marko Horvat (PoliTo), Nicolas Coste (Optiflow Company), Luca Bruno (PoliTo)*
- 09:45 – 10:00** **Conceptual and preliminary design of a Receiver SMM: the "Sand Blower" as an efficient complement to humped sleepers**
Speaker: *Marko Horvat (PoliTo), together with Sami Khris (Optiflow Company) and Luca Bruno (PoliTo)*
- 10:00 – 10:30** **Technical feedback from Partner Organizations**
*Does the SMaRT research make sense for Industry?
Is the Sand Blower a valuable technical solution?*
Speakers: *Astaldi, Hitachi Rail and Salcef Engineers*
- 10:30 – 12:00** **Discussion on Industrial Perspectives for Sand Blower**
Shared developments perspectives and industrial lines

Remark: in the light of the SMaRT Consortium Agreement, all participants are subjected to its Non-Disclosure clauses about the results of the research.