



HORIZON 2020

The EU Framework Programme for Research and Innovation

RENOIR

Reverse Engineering of social Information processing

MAIN PILLAR

Excellent Science

TYPE OF ACTION

Marie Skłodowska-Curie Research
and Innovation Staff Exchange

DURATION

1. Jan. 2016 - 31. Dec. 2019
Researcher Months 292
EC funding: 1.3 M€

ABSTRACT

In today's world, access to information is a decisive factor advancing industry, society and even culture. It is therefore of great importance to understand why and how some information (e.g. some memes) spreads virally with great ease, while other is met with disinterest and omission. Uncovering the reasons may allow promoting important information, like warnings about cyber-attacks, while stifle harmful rumors, such as vaccines causing autism. The aim of the project is to treat the vast complexity of such information dynamics in social systems by involving researchers in social sciences, journalism, computing, data mining and complexity science.

RENOIR CONSORTIUM

**WUT, WARSAW UNIVERSITY OF TECHNOLOGY,
POLAND**

Project Coordinator Janusz Hołyst, *Physics of
Complex Systems* (jholyst@if.pw.edu.pl)

JSI, JOZEF STEFAN INSTITUTE, SLOVENIA

Marko Grobelnik, *Computer Science*

**PWR, WROCŁAW UNIVERSITY OF SCIENCE AND
TECHNOLOGY, POLAND**

Przemysław Kazienko, *Computer Science*

**STA, SLOVENSKA TISKOVNA AGENCIJA,
SLOVENIA**

Aljoša Rehar, *Media Company*

STF, STANFORD UNIVERSITY, UNITED STATES

Jure Leskovec, *Computer Science*

**RPI, RENSSELAER POLYTECHNIC INSTITUTE,
UNITED STATES**

Bolesław Szymanski, *Computational Network
Science*

**NTU, NANYANG TECHNOLOGICAL UNIVERSITY,
SINGAPORE**

Peter Sloot, *Physics of Complex Systems*

PROJECT MANAGER

Anna Grzywacz (agrzywacz@if.pw.edu.pl)

PROJECT OFFICER

Katarzyna Lyson (katarzyna.lyson@cc.europa.eu)

 www.renoirproject.eu

 [RENOIRprojectEU](https://www.facebook.com/RENOIRprojectEU)

 [@RENOIRprojectEU](https://twitter.com/RENOIRprojectEU)



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 691152.