



IMIA Participatory Health and Social Media WG 2022 Report (June 2021 – June 2022)

Kerstin Denecke, Chair (2020-2023)

Bern University of Applied Science, Department of Engineering and Information Technology
Bern, Switzerland

Elia Gabarron, Co-Chair (2020-2023)

University Hospital of North Norway, Norwegian Centre for E-health Research
Tromsø, Norway

Carolyn Petersen, Co-Chair (2020-2023)

Mayo Clinic, Department of Artificial Intelligence and Informatics
Rochester, Minnesota, USA

[WG Website](#)

1. Achievements – IMIA WG Events and projects conducted, and publications completed

- The WG was founded in 2012, ie. in 2022 we are celebrating the 10th anniversary. Given this event, we organized in collaboration with IMIA's official journal "Methods of Information in Medicine" a focus theme on "**Current Trends and New Approaches in Participatory Health Informatics**". At the time of this report, 1 paper was accepted; additional papers are under review.
- Following the scoping review published in 2021, we organized a Delphi study within the WG to develop a definition for participatory health informatics and to form consensus on facets of this research field. The results have been successfully published by "Methods of Information in Medicine" (accepted for publication). This publication entitled "**Defining and Scoping Participatory Health Informatics - An eDelphiStudy**" involved many working group members. The interest in a WG publication was immense.
- The WG continues to actively publish in leading journals on participatory health and social media, commenting on a variety of areas relevant to patients, clinicians, and researchers (this includes publication in the IMIA 2021 and 2022 yearbook). Selected recent publications over the last 12 months include:
 - Larbi, Dillys; **Denecke, Kerstin; Gabarron, Elia** (2022). Usability Testing of a Social Media Chatbot for Increasing Physical Activity Behavior Journal of Personalized Medicine, 12(5), S. 828. MDPI 10.3390/jpm12050828
 - **Rivera-Romero, Octavio; Gabarron, Elia; Miron-Shatz, Talya; Petersen, Carolyn; Denecke, Kerstin** (2022). Social Media, Digital Health Literacy, and

Digital Ethics in the Light of Health Equity Yearbook of Medical Informatics 2022
Thieme 10.1055/s-0042-1742503

- **Denecke, Kerstin**; Abd-Alrazaq, Alaa; **Househ, Mowafa**; Warren, Jim (2021). Evaluation Metrics for Health Chatbots: A Delphi Study Methods of Information in Medicine, 60(05/06), S. 171-179. Thieme 10.1055/s-0041-1736664
- **Giunti, Guido**; Isomursu, Mina; **Gabarron, Elia**, Solad, Yauheni (2021). Designing depression screening chatbots. Stud Health Technol Infor 2021;284:259-263.

2. Describe WG/SIG Participation - Engagement and participation in IMIA, IMIA Region or member health informatics events and activities in the past year

- As above, we continued to be a regular contributor to the IMIA yearbook publication
- Denecke and Gabarron continued to contribute to review IMIA yearbook papers, and selection of best papers
- Collaboration with WG Open Source Health Informatics in an MIE Panel “Open Source Health Informatics: Opportunities and Challenges for Rapid Pandemic Response and Trustworthy AI”
- Participation in MIE conference including a WG joint dinner

3. Provide details of the WG/SIG’s Outreach - Recruitment and engagement of new members and target communities, publicity, and representation at major events and/or on social media.

4. Current List of members:

1. Aboozar Eghdam
2. Anis Fuad
3. Annie YS Lau
4. Bart Brandenburg
5. C. Prajesh
6. Camilo Erazo
7. Carlos Luis Sanchez-Bocanegra
8. Carol Bond
9. Carolyn Petersen
10. Charles Nobles
11. Chris Paton
12. Clara Bermudez
13. Colleen Young
14. Dari Alhuwail
15. Diane Skiba
16. Elia Gabarron
17. Fernando Martin-Sanchez
18. Francisco Grajales
19. Francisco Lupiañez
20. Guido Giunti
21. Guillermo Lopez-Campos
22. Gunther Eysenbach
23. H.J. Tange
24. Humberto Mandirola

25. Iris Thiele Isip-Tan
26. James G. Kim
27. Jelle Visser
28. Jesus Daniel Trigo
29. Jonas Lauritzen
30. Juliana Brixey
31. Kerstin Denecke
32. Kevin Clauson
33. Kim Ruggiero
34. Leonie Ellis
35. Licoln A. Moura
36. Luis Fernandez-Luque
37. M.C. Murray
38. M.M. Clough
39. Margaret Hansen
40. Mark Merolli
41. Miguel Angel Mayer
42. Miguel Cabrer
43. Monica Murero
44. Mowafa Househ
45. Octavio Rivera
46. Osman Ahmed
47. Panagiotis D. Bamidis
48. Peter Murray
49. Rebecca Grainger
50. Renato Sabbatini
51. Rolf Wynn
52. Samantha Adams
53. Santiago Hors
54. Scott Erdeley
55. Shabbir Syed-Abdul
56. Shauna Davies
57. Sophie Bhebe
58. Stathis Th. Konstantinidis
59. Steven Bedrick
60. Suleman Atique
61. Talya Miron-Shatz
62. Taridzo Chomutare
63. Tobias Hartz
64. W. Ed Hammond
65. W. Ittak