

NLG4Health 2022

**The First Workshop on Natural Language Generation in  
Healthcare**

**Proceedings of the Workshop**

July 18, 2022

The NLG4Health organizers gratefully acknowledge the support from the following sponsors.

**Gold**



**Silver**



**Bronze**



©2022 Association for Computational Linguistics

Order copies of this and other ACL proceedings from:

Association for Computational Linguistics (ACL)  
209 N. Eighth Street  
Stroudsburg, PA 18360  
USA  
Tel: +1-570-476-8006  
Fax: +1-570-476-0860  
[acl@aclweb.org](mailto:acl@aclweb.org)

ISBN 978-1-955917-63-6

# Organizing Committee

## Program Chair

Ehud Reiter

## Organizers

Emiel Kraemer, Tilburg University

Kathy McCoy, University of Delaware

Ehud Reiter, University of Aberdeen

## Program Committee

Erkan Basar, Radboud University, The Netherlands

Tibor Bosse, Radboud University, The Netherlands

Daniel Braun, Twente University, The Netherlands

Barbara di Eugenio, University of Illinois, USA

Albert Gatt, Utrecht University, The Netherlands

Aki Harma, Philips Research, The Netherlands

Saar Hommes, Tilburg University, The Netherlands

Saad Mahamood, Trivago, Germany

Francesco Moramarco, University of Aberdeen, UK

Natalie Parde, University of Illinois, USA

Stefan Pauws, Philips Research, The Netherlands

Thomas Schaaf, CMU, USA

# Program Committee

## Program Chairs

Emiel Krahmer, Tilburg University  
Kathleen McCoy, University of Delaware  
Ehud Reiter, University of Aberdeen

## Table of Contents

<i>DrivingBeacon: Driving Behaviour Change Support System Considering Mobile Use and Geo-information</i> Jawwad Baig, Guanyi Chen, Chenghua Lin and Ehud Reiter .....	1
<i>In-Domain Pre-Training Improves Clinical Note Generation from Doctor-Patient Conversations</i> Colin A. Grambow, Longxiang Zhang and Thomas Schaaf .....	9
<i>LCHQA-Summ: Multi-perspective Summarization of Publicly Sourced Consumer Health Answers</i> Abari Bhattacharya, Rochana Chaturvedi and Shweta Yadav .....	23
<i>Towards Development of an Automated Health Coach</i> Leighanne Hsu, Rommy Marquez Hernandez, Kathleen McCoy, Keith Decker, Ajith Kumar Vemuri, gdominic@udel.edu gdominic@udel.edu and mheintz@udel.edu mheintz@udel.edu .....	27
<i>Personalizing Weekly Diet Reports</i> Elena Monfreglio, anselma@di.unito.it anselma@di.unito.it and Alessandro Mazzei .....	40