

3rd Digital Rheumatology Day, 6.Mai 2021

8:50 Introduction

Thomas Hügle, Didier Hans and Johannes Knitza

Session I: Artificial Intelligence

Chairs: Thomas Hügle and Didier Hans

09:00 – 09:25

Rheumatology – AI Workshop I: Automated image recognition for beginners.

Mateo Caorsi, Lausanne

09:25 – 09:50

Flare Prediction in RA Based on Machine Learning

David Simon, Erlangen

09:50 – 10:15

Virtual Round Table: Relevance and practical implementation of AI solutions in rheumatology.

Coffee Break

Session II: Telemedicine & Wearables

Chairs: Jacob M. van Laar and Jutta Richter

10:25 – 10:50

Remote care in Rheumatology: upcoming EULAR guidelines

Philipp Bosch, Graz

10:50 – 11:15

Telerheumatology and Mobile Health Usage: Opportunities and Barriers

Felix Mühlensiepen, Brandenburg

11:15 – 11:40

Asynchronous mHealth Interventions in Rheumatoid Arthritis: Systematic Scoping Review

Bart Seppen, Amsterdam

11:40 – 11:55

Virtual Round Table : Telemedicine & wearables

Lunch Break

Session III: Rheumatology Apps

Chairs: Johannes Knitza and Martin Krusche

12:40 – 13:05

How to DiGA in Germany

Julia Hagen, Berlin

13:05 – 13:30

A smartphone-based health care chatbot to promote self-management of chronic pain (SELMA): pilot randomized controlled trial

Sandra Hauser-Ulrich, Winterthur

13:30 – 13:55

Mobile App-based documentation of patient-reported outcomes – three months results from a proof-of concept study on modern rheumatology patient manage

Jutta Richter, Düsseldorf

13:55 – 14:20

Outcomes of a Mobile App to Monitor Patient Reported Outcomes in Rheumatoid Arthritis: A Randomized Controlled Trial

Yvonne Lee, Boston

14:20 – 14:45

Sidekick Health: A lifestyle change application for rheumatoid and psoriasis arthritis

Coffee Break

Session IV: Social Media

chairs: Isabelle Hase, Latika Gupta

14:55 – 15:20

Social Media use of and for people with rheumatic and musculoskeletal disease – perceptions of benefits and pitfalls

Paul Studenic, Sweden

15:20 – 15:45

Social media and infographics for scholarly communication

Latika Gupta, Lakhnau

15:45 – 16:10

Therapeutic online short-videos on Youtube for rheumatic patients

Martin Krusche, Berlin

Session V: Abstract Session

chair: Didier Hans

16:10 – 16:25

Decision support system for diagnosing Rheumatic-Musculoskeletal disease using fuzzy cognitive MAP technique

Ade Akinnuwesi and Blessing Adegbite, Swasiland

16:25 – 16:40

Monitoring patients with rheumatic conditions remotely using data from smartphones

Fransisco Nunes, Porto

16:40 – 16:55

The SCQM Coronavirus study – using remote care and digital instruments to facilitate and accelerate data collection and patient communication

Almut Scherer, Zurich

Coffee Break

Session VI: Pitching event for new digital solutions

17:05 – 17:50

Presentations of the 3min elevator pitch videos submitted by providers and developers of digital care solutions that (could) improve quality of care in rheumatology.

Fishbowl discussion

Johanes Knitza, Felix Mühlensiepen, Matthias Diener, Thomas Hügler