

# Program

[Program at a Glance](#)*Please note that the program is subject to changes.*

All sessions and lectures will be conducted in both English and Japanese, with simultaneous interpretation available. Please note that the Public Open Seminars will exclusively be conducted in Japanese.Track color legend:

**TRACK: AGEING AND HEALTH**

**TRACK: AGEING AND THE ECONOMY**

**TRACK: AGEING AND TECHNOLOGIES**

**TRACK: AGE-FRIENDLY ENVIRONMENTS  
& CULTURE**

**9:00 – 10:15 OPENING REMARKS**

**& PLENARY 1**

**DEMOGRAPHICS OF AGEING – OPPORTUNITIES AND CHALLENGES**  
**Plenary Hall (L3-L5)**

Moderator: Julie Byles, ILC GA & NSW University Australia

**09:00 – 09:15**

Opening Words – INAGE Program Committee

**09:15 – 09:35**

**Global ageing: now and the future**

**John Beard**, Columbia University, USA

**09:35 – 09:50**

**People can grow even after the age of 80**

**Masako Wakamiya**, IT Evangelist, Founder of ExcelArt, Japan

**09:50 – 10:15**

Q&A

Panelists:

Masako Wakamiya, IT Evangelist, Founder of ExcelArt, Japan

John Beard, Columbia University, USA

Hidenori Arai, National Center for Geriatrics and Gerontology, Japan **10:15 – 10:30** Welcome address by the Governor of Aichi

**Welcome words by officials from the Ministry of Health, Labor, and Welfare**

Plenary Hall (L3-L5) **10:30 – 11:00** **COFFEE BREAK & EXHIBITION**  
**11:00 – 12:30** **PARALLEL SESSIONS TRACK: AGEING AND THE ECONOMY – BENEFITS TO SOCIETY** **11:00 -12:30**

Plenary Hall (L3-L5)

**Moderator: Silvia Perel-Levin**, International Longevity Centre Global Alliance., Switzerland

11:00 – 11:15

**Why do we need an ageing workforce and how do we get there?**

**Dorotea Schmidt**, International Labour Organization, Switzerland

11:15 – 11:30

**Artificial Intelligence for job search and placement**

**Rivi Beller**, SKEELZ, Israel

**Uzi Beller**, Assuta-Ashdod Medical Center, Ben Gurion University of the Negev, Israel

11:30 – 11:45

**Relationship between cognitive function and economic behavior**

**Kohei Komamura**, Keio University, Japan

11:45 – 12:00

**Older consumers in the UK and Japan – Opportunities for economic growth**

**David Sinclair**, International Longevity Centre UK, ILC UK

12:00 – 12:30

Panel discussion and Q&A **TRACK: AGEING AND TECHNOLOGIES** **11:00 -12:30**

## **Parallel Hall 1 (L1)**

**Moderator: Cynthia Bullock**, Healthy Ageing, UKRI – Innovate UK, UK

11:00 – 11:15

### **Ageing in a digital world**

**Roxana Widmer-Iliescu**, International Telecommunication Union, Switzerland

11:15 – 11:30

### **Empowering Generations Through Intergenerational Digital Literacy Training**

**Xue Bai**, The Hong Kong Polytechnic University, Hong Kong

11:30 – 11:45

### **Differences of internet use within older people in Belgium**

**Nico de Witte**, Free University of Brussels/ University College Ghent, Belgium

11:45 – 12:00

### **i-Cane Robots for assisting and supporting walking of the aged**

**Toshio Fukuda**, Robotics Nagoya University, Japan

12:00 – 12:30

Panel discussion and Q&A **TRACK: AGEING AND HEALTH 11:00 -12:30**

## **Parallel Hall 2 (L2)**

**Moderator: Margaret Gillis**, ILC GA and president ILC Canada

11:00 – 11:15

### **Needing and receiving health and social care**

**Julie Byles**, ILC GA & NSW University Australia

11:15 – 11:30

### **Long-Term Care for older persons in the Youngest Region (Africa): generational perspectives for autonomy**

**Jaco Hoffman**, North-West University Vanderbijlpark, South Africa

11:30 – 11:45

**The protective role of the cognitive reserve: from research to intervention**

**Barbara Colombo**, Champlain College, USA

11:45 – 12:00

**Postgraduate training of healthcare professionals for independent ageing**

**Meltem Koca**, Ankara Diskapi Yildirim Beyazit Training and Research Hospital, Turkey

12:00 – 12:30

Panel discussion and Q&A **12:30 – 12:45** **SHORT BREAK 12:45 – 13:30** **PARALLEL SESSIONS 12:45 – 13:30**

**Plenary Hall (L3-L5)**

**Session supported by The Dai-ichi Life Insurance Company, Limited**

Dementia prevention: Effects of exercise and physical activity to prevent cognitive decline

**Hiroyuki Shimada**, Center for Gerontology and Social Science, Research Institute, National Center for Geriatrics and Gerontology, Japan **12:45 – 13:45**

**Parallel Hall 1 (L1)**

**Public Open Seminar 1**

**Novel outpatient clinic for healthy aging based on the concept of the Locomotive Syndrome and Frailty**

**Modulator: Hitoshi Kagaya**, NCGG, Japan

12:45 – 13:15

**Lecture by Yasumoto Matsui**, Director of Center for Frailty and Locomotive Syndrome, NCGG, Japan

13:15 – 13:45

Q&A and Exercise **12:45-13:15**

## **Parallel Hall 2 (L2)**

**Session supported by Lux Research**

### **Innovating for a Superaging Planet**

12:45 – 13:05

**Nardev Ramanathan**, PhD, Lux Research, Singapore

13:05 – 13:15

Q&A **13:30 – 14:30 LUNCH BREAK & EXHIBITION 14:30 – 16:00 PARALLEL SESSIONS TRACK: AGE-FRIENDLY ENVIRONMENTS & CULTURE** 14:30 -16:00

## **Plenary Hall (L3-L5)**

**Moderator: Silvia Perel-Levin**, International Longevity Centre Global Alliance., Switzerland

14:30 – 14:45

### **WHO Global Network for Age-friendly Cities and Communities**

**Thiago Hérick de Sá**, Age-friendly Environments, World Health Organization, Switzerland

14:45 – 15:00

### **Age-friendly Akita – a Japanese example**

**Masaharu Tomino**, Akita City, Japan

15:00 – 15:15

### **Creating Positive Ageing Experiences Through Inclusive Design**

**Chris McGinley**, Royal College of Art, Helen Hamlyn Centre for Design, Age and Ability Lab, UK

15:15 – 15:30

### **Improvisation and Creative Ageing**

**Ruth Yamamoto**, Prince George's Community College, USA

15:30 – 16:00

Panel discussion and Q&A

**14:30 – 16:00**

## **Parallel Hall 1 (L1)**

### **Public Open seminars 2**

**14:30 – 15:15**

#### **Technology implementation for a vibrant society**

**Modulator: Atsushi Tsukahara, NCGG, Japan**

**14:30 – 14:55**

**Lecture by Atsushi Tsukahara**, Associate Professor, Development of Robotics and Artificial Intelligence Laboratory, Assistive Robot Center, NCGG, Japan

**14:55 – 15:15**

**Lecture by Tatsuya Yoshimi**, Researcher, Laboratory for Clinical Evaluation with Robotics, Assistive Robot Center, NCGG, Japan

### **Public Open seminars 3**

**15:15 – 16:00**

#### **Protecting Your Future Self: Strategies for Dementia and Frailty Defense**

**Modulator: Shinichiro Maeshima, NCGG, Japan**

**15:15 – 15:27**

**Lecture by Shinichiro Maeshima**, Director of Education and Innovation Center, NCGG, Japan

**15:27 – 15:39**

**Lecture by Aiko Osawa**, Chief Physician, Department of Rehabilitation Medicine, NCGG, Japan

**15:39 – 16:00**

Home Exercise Program for Older People (HEPOP)

**TRACK: AGEING AND HEALTH14:30 – 16:00**

## **Parallel Hall 2 (L2)**

### **CONFRONTING PANDEMICS AND COMBATTING AGEISM**

**Moderator: Jaco Hoffman**, North-West University, South Africa

14:30 – 14:45

#### **Planning for better care and support of older people**

**Hidegori Arai**, National Center for Geriatrics and Gerontology, Japan

14:45 – 15:00

#### **Independent ageing, dying and bereavement during COVID**

**Carl Becker**, Kyoto University School of Medicine, Japan

15:00 – 15:15

#### **Social capital of ageing South Asians in Hong Kong in the context of COVID-19**

**Daniel Lai**, China, Hong Kong Baptist University, Hong Kong

15:15 – 15:30

#### **A human rights-based approach to future pandemics**

**Margaret Gillis**, ILC GA and president ILC Canada

15:30 – 16:00

Panel discussion and Q&A    **16:00 – 16:30 COFFEE BREAK & EXHIBITION**    **16:30 – 17:15 PLENARY SESSION 2: AGE-FRIENDLY POLICIES AT NATIONAL AND LOCAL LEVELS – HUMAN RIGHTS** Plenary Hall (L3-L5)

**Moderator: Silvia Perel-Levin**, International Longevity Centre Global Alliance., Switzerland

16:30 – 16:45

#### **Towards a human rights-based approach to independent ageing**

**Claudia Mahler**, Independent Expert on the enjoyment of all human rights by older persons, UN, Austria

16:45 – 17:00

#### **The human right to leisure in old age**

**Israel Doron**, University of Haifa, Israel

17:00 – 17:15

Panel discussion and Q&A **17:15 – 17:30** **SHORT BREAK 17:30 – 18:15** **PARALLEL SESSIONS 17:30 – 18:15**

**Plenary Hall (L3-L5)**

**Session supported by ILC – Japan**

**Promoting productive aging: new coproduction between businesses and municipalities**

**Aging in Place**

**Ichiro Nakamura**, International Longevity Center (ILC) Japan

**The potential of collaboration with the business sector in supporting older adults' social activities**

**Hiroki Hasegawa**, JTB Corp., Japan **17:30 – 18:15**

**Parallel Hall 1 (L1)**

**Session by Microsoft Japan**

17:30 – 18:05

**How Advanced Technologies Contribute to a Better Aging Society**

**Kunihiro Ohyama**, Business Executive Officer, Healthcare Industry Lead, Microsoft Japan Co., Ltd.

18:05 – 18:15

Q&A

**17:30 – 18:00**

**Parallel Hall 2 (L2)**

**Session by Carter Group**

17:30 – 18:00

**Session by The Carter Group (Living Best: Age-Tech is Now!)**

**Live Moderation: Linda Sherman**, Founder of the Rethinking Aging Club, CMO for MBETHealth, Managing Editor, Boomer Tech



Talk, USA

Video Panel featuring Global Age-Tech Experts: Global Perspectives on Nurturing Age-Tech Innovations **18:15 WELCOME RECEPTION 09:00 – 10:30**

**PLENARY 3 TECHNOLOGIES IN AN AGEING WORLD** Plenary Hall (L3-L5)

Moderator: **Silvia Perel-Levin**, International Longevity Centre Global Alliance., Switzerland

09:00 – 09:30

**Developing AgeTech that Makes Sense**

**Alex Mihailidis**, University of Toronto, Canada

09:30 – 10:00

**Making Technology Available**

**Kylie Shae**, Team Lead, Access to Assistive Technology (ATA), World Health Organization, Switzerland

10:00 – 10:30

Panel discussion and Q&A **10:30 – 11:00 COFFEE BREAK & EXHIBITION 11:00 – 12:30** **PARALLEL SESSIONS TRACK: AGEING AND THE ECONOMY – BENEFITS TO SOCIETY** **11:00 – 12:30**

Plenary Hall (L3-L5)

Moderator: **David Sinclair**, International Longevity Centre, United Kingdom

11:00 – 11:20

**The Continuing Contribution of Older Adults' Human Capital to the Economy and Community**

**Ryan Yeung**, Happy-Retired, Hong Kong

11:20 – 11:40

**Financial literacy as a mechanism to ensure continuing contribution to the economy**

**Susana Harding**, International Longevity Centre, Singapore  
Tsao Foundation, Singapore

11:40 – 12:00

**Understanding changing intergenerational relationships in context: a Scottish regional case study**

**Alison Dawson**, University Of Stirling, UK

**Judith Phillips**, Stirling University/ UKRI Healthy Ageing Challenge, UK

12:00 – 12:30

Panel discussion and Q&A **TRACK: AGEING AND TECHNOLOGIES 11:00 – 12:30**

**Parallel Hall 1 (L1)**

**Moderator: Hidenori Arai**, NCGG, Japan

11:00 – 11:15

**Companion Robots For Alleviating Loneliness**

**Dor Skuler**, Intuition Robotics, Israel

11:15 – 11:30

**Robotic smart home in an aging society**

**Yohei Otaka**, Fujita Medical University, Japan

11:30 – 11:45

**Promoting Healthy Longevity with AI-Powered Technologies** **iHARP**

**Pei-Wen Hsu**, ASUSTeK COMPUTER INC, Taiwan

11:45 – 12:00

**Anomaly Detection in Support of Independent Living**

**Ahmad Lotfi**, Nottingham Trent University, UK

12:00 – 12:30

Panel discussion and Q&A **TRACK: AGEING AND HEALTH 11:00 – 12:30**

**Parallel Hall 2 (L2)**

**Moderator: Masafumi Kuzuya**, Meitetsu Hospital and Nagoya University, Japan

11:00 – 11:15

**Leveraging innovation to tackle inequalities in healthy ageing**

**Cynthia Bullock**, UKRI, UK

11:15 – 11:30

**The effects of exercise on cognitive and physical function in community-dwelling older persons**

**Hiroyuki Umegaki**, Nagoya University Graduate School of Medicine, Japan

11:30 – 11:45

**Digital healthcare to prevent dementia in the older adults**

**Hiroyuki Shimada**, National Center for Geriatrics and Gerontology, Japan

11:45 – 12:00

**Gender differences in digital healthcare and multi-morbidity with migration status among older adults in India**

**Prem Shankar**, Indian Institute Of Management Bangalore, India  
India

12:00 – 12:30

Panel discussion and Q&A **12:30 – 12:45** **SHORT BREAK** **12:45 – 13:30** **PARALLEL SESSIONS** **12:45 – 13:30**

**Plenary Hall (L3-L5)**

**Session supported by UKRI**

**Care and Housing**

12:45 – 13:00

**Overview of the UK Landscape on housing and care, the drive for a new housing task force and the role of research and innovation**

**Judith Phillips**, Stirling University/ UKRI Healthy Ageing Challenge, UK

13:00 – 13:10

**Showcase relevant Housing and Care research and innovation projects from the UK Research and Innovation Health Ageing Challenge Portfolio**

**Cynthia Bullock**, Healthy Ageing, UKRI – Innovate UK, UK

13:10 – 13:25

**Case study highlighting innovation as an output from academic research drawing on Designing homes for healthy cognitive ageing (DESCHa), Nurolight, and Housing for ageing for 2040+ Lesley Palmer, Development Centre at Stirling, UK**

13:25 – 13:30

Q&A12:40 – 13:55

**Parallel Hall 1 (L1)**

**Workshop organized by the World Health Organization**

**Improving access to assistive technology in partnership with age-friendly cities and communities**

**Moderators:**

**Thiago Hérick de Sá**, Age-friendly Environments, World Health Organization, Switzerland

**Kylie Shae**, Team Lead, Access to Assistive Technology (ATA), World Health Organization, Switzerland

12:40 – 12:50 Presentation on dementia by **Keizo Sakurai**, Senior Citizens Welfare Division, Bureau of Public Welfare, Aichi Prefectural Government, Japan

12:50 – 13:00 Presentation on digital health project by **Kensuke Doi**, Bureau of Economy and Industry, Aichi Prefectural Government

13:00 – 13:15 Presentation on assistive technology by **Kylie Shae**, Team Lead, Access to Assistive Technology (ATA), World Health Organization, Switzerland

13:15 – 13:30 Presentation on age-friendly environments and the Global Network by **Thiago Hérick de Sá**, Age-friendly Environments, World Health Organization, Switzerland

13:30 – 13:55 Open discussion and Q&A12:45 – 13:40

**Parallel Hall 2 (L2)**

## **Public Open Seminar 4**

### **Dysphagia, incontinence, and pelvic floor muscle exercises**

**Modulator: Hitoshi Kagaya**, NCGG, Japan

12:45 – 13:00

Lecture by **Hitoshi Kagaya**, Director of Center for Swallowing and Continence, NCGG, Japan

13:00 – 13:10

Lecture by **Toshihiro Matsuura**, Deputy Director of Hospital, NCGG, Japan

13:10 -13:20

Lecture by **Masanori Nomiya and Hisae Nishii**, Department of Geriatric Lower Urinary Tract Function, Center for Swallowing and Continence, NCGG, Japan

13:20 -13:40

Pelvic floor muscle exercises

**13:30 – 14:30 LUNCH BREAK & EXHIBITION 14:30 – 16:00 PARALLEL SESSIONS TRACK: AGE- FRIENDLY ENVIRONMENTS & CULTURE 14:30 – 16:00**

## **Plenary Hall (L3-L5)**

**Moderator: Chris McGinley**, Helen Hamlyn Centre for Design, Royal College of Art, United Kingdom

14:30 – 14:45

**Urban policies' Impact on health and wellbeing of older persons – Shaping urban futures**

**Carlos Dora**, International Society for Urban Health (ISUH), Switzerland )

14:45 -15:00

**A post-pandemic age-friendly megacity? Navigating Tokyo's urban challenges**

**Mike Annear**, Waseda University, Japan

15:00 – 15:15

**Design Strategy of Friendly and Healthy Environment for Urban Aging Community**

**Xiaoyi Hu**, Wuhan University Of Science And Technology, China

15:15 – 15:30

**The Belgian Ageing Studies, a cocreative project including older people as researchers**

**Nico DeWitte**, Free University of Brussels/ University College Ghent, Belgium

15:30 – 16:00

Panel discussion and Q&A **TRACK: AGEING AND TECHNOLOGIES** 14:30 – 16:00

**Parallel Hall 1 (L1)**

**Moderator: Tina Woods**, UK National Innovation Center for Ageing, United Kingdom

14:30 -14:45

**Advanced Driving Assistance Technologies for Older Drivers**

**Hirofumi Aoki**, Nagoya University

14:45 -15:00

**Accelerating Systems Change for Healthy Longevity**

**Stephen Johnston**, SOMPO Digital Lab & Fordcastle, Australia

15:00 – 15:15

**A design approach to gerontechnology – Start-up experience from Taiwan**

**Yeh-Liang Hsu**, Gerontechnology Research Center, Yuan Ze University, Taiwan

15:15 -15:30

**The future of digital medicine and aging**

**David Wortley**, International Society of Digital Medicine (ISDM) UK

15:30 – 16:00

Panel discussion and Q&A **TRACK: AGEING AND HEALTH** 14:30 – 16:00

## **Parallel Hall 2 (L2)**

**Moderator: Silvia Perel-Levin, International Longevity Centre Global Alliance., Switzerland**

14:30 -14:50

**Community Redesign” toward healthy ageing society -Frailty prevention and community care system**

**Iijima Katsuya**, Institute of Gerontology, Institute for Future Initiatives, The University of Tokyo, Japan

14:50 – 15:10

**Increased midlife obesity and mobility dysfunction in late-life-**

**Rajkumar Dorajoo**, Genome Institute of Singapore, Singapore

15:10 – 15:30

**Visualization of invisible aging on human motor neurons and its applications**

**Kohei Watanabe**, Chukyo University, Japan

15:30 – 16:00

Panel discussion and Q&A **16:00 – 16:30 COFFEE BREAK & EXHIBITION 16:30 – 17:30 PLENARY 4**

**AGEING AND THE GLOBAL ECONOMY: BENEFITS TO SOCIETY** Plenary Hall (L3-L5)

**Moderator: Hidenori Arai, NCGG, Japan**

16:30 – 16:50

**Lecture by Taisuke Hashimoto**, Japan Ministry of Economy, Japan

16:50 – 17:10

**The Global Longevity economy report,**

**Justin Ladner**, AARP, USA

17:10 – 17:30

Panel discussion and Q&A **17:30 – 18:00** **PARALLEL SESSIONS** Plenary Hall (L3-L5)

Session supported by SENS Research Foundation

17:30 – 17:45

**A Damage-Repair Approach to the Age-Related Disease Epidemic**

**Lisa Fabiny-Kiser**, CEO of SENS Research Foundation, USA  
Parallel 1 (L1)

**Session by The Carter Group (Living Best: Age-Tech is Now!)**

**Age-Tech Innovations in Action**

**Carol Chiang**, OT and Smart Home Solutions Expert, and Founder, Evolving Homes, USA **09:00 – 10:30** **PLENARY 5**

**TOWARD A PERSON-CENTRED HEALTHCARE**

Plenary Hall (L3-L5)

**Moderator: Silvia Perel-Levin**, International Longevity Centre Global Alliance., Switzerland

09:00 – 09:20

**Developing Communities of Care**

**Sarah Harper**, University of Oxford, UK

09:20 – 09:40

**Primordial prevention toward healthy ageing**

**Katsunori Kondo**, Chiba University, Japan

09:40 – 10:30

Panel discussion and Q&A

Panelists:

**John Beard**, ILC USA; Columbia University, USA

**Sarah Harper**, University of Oxford, UK

**Katsunori Kondo**, Chiba University, Japan **10:30 – 11:00** **COFFEE BREAK & EXHIBITION** **11:00 – 12:30** **PARALLEL SESSION** **TRACK: AGE-FRIENDLY ENVIRONMENTS & CULTURE** **11:00 – 12:30**



## **Plenary Hall (L3-L5)**

**Moderator: Carlos Dora**, International Society for Urban Health (ISUH),  
Switzerland

11:00 – 11:25

**Sustainable and supportive housing to meet the aspirations and needs of ageing populations**

**Mary Njoki**, University Of Stirling, UK

11:25 – 11:50

**iGESS (Inter-Generational Engagement in Secondary Schools)**

**Daniel Lai**, Hong Kong Baptist University, Hong Kong

**Alice Wong**, Hong Kong Baptist University, Hong Kong

11:50 – 12:30

Panel discussion and Q&A **TRACK: AGEING AND TECHNOLOGIES 11:00 – 12:30**

## **Parallel Hall 1 (L1)**

**Moderator: Hidenori Arai**, NCGG, Japan

11:00 – 11:15

**The use of technology to promote independent gait and stability**

**Izumi Kondo**, NCGG , Japan

11:15 – 11:30

**Early detection of dementia using AI-based eye-tracking technology**

**Shuko Takeda**, Osaka University, Japan

11:30 -11:45

**Healthy longevity for all: Harnessing science, technology, investment and policy for global sustainable impact**

**Tina Woods**, Collider Health, UK

11:45 – 12:00

**Driving impact at scale for our ageing population**

**Eric Kihlstrom**, Centaur Robotics, UK

12:00 – 12:30

Panel discussion and Q&A **TRACK: AGEING AND HEALTH** 11:00 – 12:30

## **Parallel Hall 2 (L2)**

**Moderator: Moderator: Margaret Gillis**, ILC GA and president ILC Canada

11:00 – 11:15

### **Resilience of ageing communities**

**Susana Harding**, International Longevity Centre, Singapore  
Tsao Foundation, Singapore

11:15 – 11:30

### **Innovation in Dementia Prevention and Care**

**Takashi Sakurai**, NCGG, Japan

11:30 -11:45

### **A lifestyle intervention for social vulnerable older adults in community centers**

**Julie Vanderlinden**, Odisee University of Applied Sciences, Belgium

11:45 – 12:00

### **Association between leg asymmetry and age among Icelandic Older adults**

**Milan Chang**, Reykjavik University, Iceland

12:00 – 12:30

Panel discussion and Q&A **12:30 – 12:45 CLOSING ADDRESS** **Plenary Hall (L3-L5)** Independent Ageing will introduce novel technologies and concepts which will enable ageing people to improve their lifestyle and decrease their dependency on state-run systems as well as their families. Our aim is to create a platform for both commercial tradeshow and professional sessions (B2B and B2P) that will present innovative solutions and technologies for the Health Ageing

population.

Take a look at the preliminary program below to find out what sessions you can look forward to at INAGE 2023.