Academy of Economic Studies of Moldova American-Romanian Academy of Arts and Sciences COST Action CA16226: Smart Habitat for the Elderly COST Action CA19136: International Interdisciplinary Network on Smart Healthy Age-friendly Environments Association "Seniors AESM"

International TELECONFERENCE of young researchers "Creating the Society of Consciousness" (TELE-2022), 11th Edition of 18-19 March 2022 with the Research Directorate: "The friendly interaction of adults in the continuous intergenerational cooperation in the workplace until deep old age"

Program –Invitation (Annex no. 1)

The TELE-2022 international conference was a real international success. The main contributions to TELE-2022 and the main contributors of TELE-2022 are:

I. American-Romanian Academy of Arts and Sciences (ARA)

1.1. Ruxandra VIDU, university professor, PhD, ARA president: Active participant:

a) Honorary President of the International Teleconference TELE-2022

b) propagation of TELE-2022 at all stages of evolution of TELE-2022, member of the International Program Committee of TELE-2022

c) active participation in the Opening and Closing of TELE-2022

d) participation with communication in Plenary section I of TELE-2022

e) supporting TELE-2022 with the publication of the main results, presented at TELE-2022, in

"ARA Journal of Sciences", no. 5, 2022 (Editor in Chief of the Journal "ARA Journal of Sciences", no. 5, 2022)

1.2. Elena NECHITA, university professor, PhD, ARA correspondent member, vice-rector, "Vasile Alecsandri" University of Bacau, Romania: Active participant:

a) propagation of TELE-2022 at all stages of evolution of TELE-2022, member of the International Organizing Committee and of the International Program Committee of TELE-2022

b) active participation in the Opening and closing of TELE-2022

c) monitoring the Plenary Section II of TELE-2022

d) participation with 2 communications in the Plenary Section I and II a TELE-2022

e) the support of TELE-2022 with the publication of the theses of the communications, presented at TELE-2022, in the Journal "Society Consciousness Computers", no. 8, 2022 (Editor in Chief of Journal "Society Consciousness Computers", no. 8, 2022)

1.3. Marina COBAN, associate professor, doctor, ARA correspondent member: Active participant:

a) propagation of TELE-2022 at all stages of evolution of TELE-2022, member of the International Organizing Committee of TELE-2022

b) participation with 2 communications in Sections of TELE-2022

c) monitoring Section no. 6. "Digital economic development" of TELE-2022

1.4. Dumitru TODOROI, university professor, doctor habilitat, ARA correspondent member: Active participant:

a) President of TELE-2022

b) propagation of TELE-2022 at all stages of evolution of TELE-2022, President of the International Organizing Committee and President of the International Program Committee of TELE-2022

c) monitoring of the Opening, Closing and Plenary Section II sections of TELE-2022
d) participation with communication in Plenary section II of TELE-2022 and with 2 communications in sections TELE-2022

e) supporting TELE-2022 with the publication of theses of communications, presented at TELE-2022, in the Journal "Society Consciousness Computers", no. 8, 2022 (Honorary Editor of Journal "Society Consciousness Computers", no. 8, 2022)

f) supporting TELE-2022 with the publication of the main results, presented at TELE-2022, in "ARA Journal of Sciences", no. 5, 2022 (Editor in Chief of the Journal "ARA Journal of Sciences", no. 5, 2022)

II. COST Action CA16226: Smart Habitat for the Elderly

2.1. Francisco José MELERO MUNOZ, CETEM, Spain: Active participant:

a) President of the COST Action CA16226: Smart habitat for the elderly

b) propagation of TELE-2022 at all stages of evolution of TELE-2022, member of the International Organizing Committee and of the International Program Committee of TELE-2022

c) active participation in the Opening and closure of TELE-2022

d) sponsorship of TELE-2022 with the publication of the theses of communications, presented at TELE-2022, in "Society Consciousness Computers" Magazine, no. 8, 2022

2.2. Dumitru TODOROI, university professor, doctor habilitat, correspondent member ARA: active participant:

a) President of TELE-2022

b) member of the MC of the COST Action CA16226: Intelligent habitat for the elderly

c) propagation of TELE-2022 at all stages of evolution of TELE-2022, President of the International Organizing Committee and President of the International Program Committee of TELE-2022

d) monitoring of the Opening Sections, closing and plenary section II of TELE-2022

e) participation with communication in plenary section II of TELE-2022 and with 2 communications in sections TELE-2022

f) publication of theses of communications, presented at TELE-2022, in the Journal "Society Consciousness Computers", no. 8, 2022 (Honorary Editor of Journal "Society Consciousness Computers", no. 8, 2022)

III. COST Action NET4Age-Friendly, COST CA19136: International interdisciplinary network on age-friendly smart environments

3.1. Carina DANTAS, Shine2Europe, Portugal: Active participant:

a) Chair COST Action NET4Age-Friendly, COST CA19136: International interdisciplinary network on age-friendly smart environments

b) propagation of TELE-2022 at all stages of evolution of TELE-2022

c) member of the International Organizing Committee and of the International Program Committee of TELE-2022

3.2. Willeke van Staalduinen, AFEdemy CEO,

a) Vice President and grant holder COST Action NET4Age-Friendly

b) propagation of TELE-2022 at all stages of evolution of TELE-2022

c) TELE-2022 sponsorship for 4 days of activities: Link: Join Zoom Meeting

https://us02web.zoom.us/j/8247911821?pwd=TDVNdmhmeWN2aDVmbTBCNnRIRHRqdz09 Meeting ID: 824 791 1821 Passcode: 191567

c.1) First TELE-2022 rehearsal: 11.03.2022: 16:00-17:00

c.2) Second TELE-2022 rehearsal: 17.03.2022: 16:00-17:00

c.3) Two days of TELE-2022: 18.03.2022: 16:00-21:00 and 19.03.2022: 8:00-15:0

3.3. Maddalena ILLARIO, PhD, R&D, AOU Federico II, Department of Public Health Federico II Medical School, Italy

a) leader of the WG and member of the MC of the COST NET4Age-Friendly Action, COST

CA19136: Interdisciplinary International Network on Age-Friendly Smart Environments

b) propagation of TELE-2022 at all stages of evolution of TELE-2022

c) member of the International Organizing Committee and of the International Program Committee of TELE-2022

d) active participation in the Opening and closing the TELE-2022

e) moderator of the Plenary Section I of TELE-2022

f) participation with communication in the Plenary Section I of TELE-2022

3.4. Prof. Luiza SPIRU, Ph.D, Dr., Foundation Ana Aslan International, Bucharest, Romania a) Leader of the WG and member of the MC of the COST NET4Age-Friendly Action, COST CA19136: The interdisciplinary international network on intelligent environments favorable to healthy age

b) propagation of TELE-2022 at all stages of evolution of TELE-2022

b) active participation in the Opening and closing of TELE-2022

c) moderator of Section 2 "Digital solutions and large-scale sustainable deployment" of TELE-2022d) participation with communication in the Plenary Section I of TELE-2022

3.5. Dumitru TODOROI, university professor, doctor habilitat, ara correspondent member: Active participant:

a) Co-Leader of the WG and member of the MC of the COST NET4Age-Friendly Action, COST CA19136: The interdisciplinary international network on intelligent environments favorable to healthy age

b) President of TELE-2022

c) the propagation of TELE-2022 at all stages of evolution of TELE-2022, President of the International Organizing Committee and President of the International Program Committee of TELE-2022

d) moderator of the Opening, Closing and Plenary Section II sections of TELE-2022e) participation with communication in the Plenary Section II of TELE-2022 and with 2 communications in the TELE-2022 Sections

f) publication of the theses of the communications, presented at TELE-2022, in the Journal "Society Consciousness Computers", no. 8, 2022 (Honorary Editor of Journal "Society Consciousness Computers", no. 8, 2022)

g) supporting the TELE-2022 with the publication of the main results, presented at TELE-2022, in the "ARA Journal of Sciences" Magazine, no. 5, 2022 (Editor in Chief of the Journal "ARA Journal of Sciences", no. 5, 2022)

IV. Investigative activities at TELE-2022.

A total of 42 research results were planned to be included in the Program – Invitation with the aim of being communicated to TELE-2022. For the year 2022, the Association "Seniors of AESM" and the partners have proposed the following investigative activities with their presentation within TELE-2022:

A1. Plenary Section I (6 results of preventive investigations - communications to TELE-2022);

A2. Section 1: "*Designing age-friendly intellectual and emotional environments and communities*" (4 results of preventive investigations - communications at TELE-2022);

A3. Section 2: "*Digital solutions and large-scale sustainable deployment"* (6 results of preventive investigations - communications at TELE-2022);

A4. Plenary Section II (4 results of preventive investigations - communications to TELE-2022);

A5. Section 3: *"Impact and sustainability of SHAFE: policy making, funding forecasts and costbenefit assessments*" (4 results of preventive investigations - communications to TELE-2022);

A6. Section 4: *"Medical assistance, psychology and ergonomics of professional ecosystems of employees, associates and affiliates"* (4 results of preventive investigations - communications at TELE-2022);

A7. Section 5: "Design and creation of innovative ICT solutions integrated in intelligent support for active ageing" (5 results of preventive investigations - communications at TELE-2022);

A8. Section 6: *"Digital economic development"* (9 results of preventive investigations - communications at TELE-2022).

V. The composition of the participants in TELE-2022:

Out of 42 results of the planned research, 38 results were communicated. The communications, which were not presented at TELE-2022, are motivated – the presenters were sick (Prof. Radu Mihalcea, USA and Prof. Ion IVAN, Romania) or were in activities, which did not allow the absence from unforeseen urgent activities (dr. Adrian PRISĂCARU, ASEM, RM and assoc. prof. dr. Tudor Ștefan LEAHU, ULIM, RM).

Participants by contestants and countries:

USA: Planned participants: 4 Participants present: 3 Romania: Planned participants: 8 Participants present: 7 Italy: Planned participants: 5 Participants present: 5 Greece: Planned participants: 3 Participants present: 3 Germany: Planned participants: 1 Participants present: 1 Republic of Moldova: Planned participants: 44 Participants present: 42

Out of the total of 65 participants, planned with presentations at TELE-2022, were absent 4 presenters. All shortcomings are motivated.

VI. Specifics of TELE-2022 participants:

Men: 32 Women: 33 Adults: 8 Young people, up to 45 years old: 50

VII. Publicity.

7.1. The results of the research, presented at TELE-2022:

Theses of the communications at TELE-2022 were published: "Society Consciousness Computers" Magazine, Volume 8, March 2022 ISSN: 2359-7321 ISSN-L2359-7321

7.2. The results of the research, presented at TELE-2022:

Selected results from communications to TELE-2022: Out of 38 census results, communicated to TELE-2022, 22 results were selected. The authors are inspired to present the Extenso materials (6-8-10 pages) to be proposed for publication in the journal "ARA Journal of sciences", No. 5, 2022, California Davis, ARA Publishing House.

Typing requirements, structure of the work and other details:

http://www.americanromanianacademy.org/41-submission.

Deadline for submission of materials for publication: April 8, 2022.

On behalf of the International Organizing Committee of TELE-2022 and of the International Program Committee of TELE-2022,

Dumitru TODOROI, university professor, doctor habilitatum, ARA correspondent member,

Member of the Management Committees of COST CA16226 and COST CA19136, President of TELE-2022

March 20, 2022

International TELECONFERENCE of young researchers "Creating the Society of Consciousness" (TELE-2022), 11th Edition of 18-19 March 2022 with the Research Directorate: "The friendly interaction of adults in the continuous intergenerational cooperation in the workplace until deep old age"

Older people "around the retirement period" in most cases want to continue their activities at work, where they have worked for a long time. That's what it's all about (1) persons employed in the labor force in the last 5-6 years before retirement (employees), (2) retired persons with continuous part-time activity at work (associates) and (3) persons retired without activity (affiliates). It makes sense to organize the continuity of the activities of these groups of adults at the "mother enterprise". It is also psychologically normal for adults to continue their activities by working together with young people in intergenerational communities. Such a community with the title: Association "Seniors of AESM" already activates for two years within the Academy of Economic Studies of Moldova (AESM).

For the year 2022, the Association "Seniors of AESM" and co-partners in Europe, in the research direction "Creating the Society of Consciousness", proposes the following investigative activities:

(1) Designing age-friendly intellectual and emotional environments and communities;

(2) Digital solutions and large-scale sustainable deployment;

(3) Impact and sustainability of SHAFE: policy making, funding forecasts and cost-benefit assessments;

(4) Healthcare, psychology and ergonomics of the professional ecosystems of employees, associates and affiliates;

(5) Design and creation of innovative ICT solutions integrated into the smart support for active ageing, and

(6) Digital economic development.

The first results of the researches from the proposed directions will be discussed in March 2022 within the international TELECONFERENCE of young researchers entitled "Creating the Society of Consciousness", (TELE-2022), 11th Edition, March 18-19, 2022. Will be grateful to all the members of the Working Groups WG1-WG5 of COST CA19136 to interact with us, the members of the Association "Seniors of EMSA" and European partners, in the research of the topics listed above.

TELE-2022

PROGRAM – INVITATION

Academy of Economic Studies of Moldova American-Romanian Academy of Arts and Sciences **COST Action CA16226: Smart Habitat for the Elderly** COST Action CA19136: International Interdisciplinary Network on Smart Healthy Agefriendly Environments

International TELECONFERENCE of young researchers "Creation of the Society of Consciousness" (TELE-2022), 11th edition, 18-19 March 2022 Bacău-Boston-București-California University Davis-Chicago-Chișinău-Cluj Napoca-Coimbra, Portugal – Bloomington, USA - Gouda, Netherlands - Los Angeles - Iași – Scopje -Timisoara

www.ase.md, www.AmericanRomanianAcademy.org

Honorary Presidents of the International TELECONFERENCE: Grigore BELOSTECINIC, Rector AESM, Prof. univ., dr. hab., Academician ASM, Honorary Member of ARA, Chisinau, Republic of Moldova Ruxandra VIDU, President ARA, Prof., PhD, California Davis, USA

President of the International TELECONFERENCE: Dumitru TODOROI, prof. univ., dr. hab., m.c. ARA, Chişinău, Republic of Moldova

Bacău-Boston-București-California University Davis-Chicago- Chișinău- Cluj Napoca -Coimbra, Portugal – Bloomington, USA - CETEM, Spain- Gouda, Netherlands - Los Angeles -Iași - Scopje - Timișoara

Chişinău 2022

International Program Committee:

Prof. Grigore BELOSTECINIC, Ph.D., Dr. hab., Acad. ASM, Chisinau, Moldova Prof. Ruxandra VIDU, Ph.D, ARA President, University of California Davis, USA Prof. Dumitru TODOROI, Ph.D, m.c. ARA, AESM, Chisinau, Moldova Prof. Radu MIHALCEA, Ph.D. Dr., Dr., DHC, Illinois State University, Chicago, USA Carina DANTAS, Shine2Europe, Portugal, Francisco José MELERO MUNOZ, CETEM, Spain, Prof. Ivan CHORBEV, PhD, dr., UNIV. UKIM, Scopje, North Macedonia Prof. Elena NECHITA, Ph.D., Dr.m.c. ARA, UB, Bacău, Romania MD Maddalena ILLARIO, PhD, R&D, AOU Federico II, Department of Public Health

Federico II Medical School, Italy, 39-081-7464211 Prof. Margareta FLORESCU, Ph.D, Dr., Academy of Economic Studies, Bucharest, Romania Assoc. Prof. Viorica SUDACEVSCHI, Dr., TUM, Chisinau, Moldova Prof. Nadejda SISCAN, Ph.D., Dr. hab., m.c. ASM, Chisinau, Moldova Dr. Carmen SABAU, ARA Emeritus Member, USA Dr. Alin ZAMFIROIU, Academy of Economic Studies, Bucharest, Romania Dr. Catalina CURCEANU, Researcher, Primo RicercatoreLaboratoreLaboratoriNazionali di Frascati dell'INFN, Frascati (Rome), Italy Prof. Ion SMEUREAN, Ph.D, Dr., Academy of Economic Studies, Bucharest, Romania Prof. Ion IVAN, Ph.D, Dr., Academy of Economic Studies, Bucharest, Romania Prof. Dan CRISTEA, Ph.D, Dr., m.c. AR, UAIC, Iasi, Romania Prof. Ioana IONEL, Ph.D, Dr. Ing. TPU, Timisoara, Romania Prof. Costica SASU, Ph.D, Dr. UAIC, Iași, Romania Prof. Sabin BURAGA, Ph.D, UAIC, Iaşi, Romania Prof. Marian SIMION, Ph.D, BTI, Boston, USA, Ass. Prof. Diana CRICLIVAIA, Ph.D. Dr., m.c. ARA, Ohio, USA M. c. ARA Diana MICUSA, UFCM, Chisinau, Republic of Moldova Nicoleta TODOROI, PhD, Music Academy "Gh. Dima", Cluj Napoca, Romania Ass. Prof. Sergiu PERETEATCU, PhD, Dr., m.c. ARA, MSU, Chisinau, Moldova Dr. Petre SERBAN, Germany Prof. Dr. Ioan OPRIS, USA Ass. Prof. Sergiu TUTUNARU, PhD, Dr., AESM, Chisinau, Prof. Dr. Ing. Ruxandra BOTEZ, Ecole de technologie supérieure, Montréal, Canada Prof. Dr. Ildiko PETER, Polytechnic University of Turin, Italy Prof. Luiza SPIRU, Ph.D, Dr., Foundation Ana Aslan International, Bucharest, Romania Prof. Dr. Stela DRAGULIN, Universitatea Brasov, Brasov, Romania Ass. Prof. Valentina CAPATINA, PhD, Dr. AESM, Chisinau, Moldova, Ass. Prof. Zinovia TOACĂ, PhD, Dr., TISE, ASEM, Chisinau, Moldova.

Partners:

Academy of Economic Studies of Moldova (AESM), Chişinău, Moldova American-Romanian Academy of Arts and Sciences, California Davis, USA AFEdemy, Gouda, Netherlands SHINE 2Europe, Coimbra, Portugal **CETEM**, Spain Illinois State University (ISU), Chicago, USA Faculty of Computer Science and Engineering from UKIM, Scopje, North Macedonia Academy of Economic Studies, (ASE) Bucharest, Romania Boston Theological Institute (BTI), Boston, USA "Vasile Alecsandri" University at Bacau, (BU), Bacau, Romania Federico II Medical School, Italy Indiana University, Bloomington, Indiana, USA "Al. Ioan Cuza" University at Iasi (UAIC), Iasi, Romania Music Academy "Gh. Dima" at Cluj Napoca, Romania Polytechnic University of Timisoara (TPU), Timisoara, Romania State University of Moldova (MSU), Chișinău, Moldova Foundation Ana Aslan International, Bucharest, Romania Technical University of Moldova (TUM), Chişinău, Moldova Free International University of Moldova (FIUM), Chisinău, Moldova

Topics:

Section no.1. Designing age-friendly intellectual and emotional environments and communities;

Section no.2. Digital solutions and large-scale sustainable deployment; Section no.3. Impact and sustainability of SHAFE (Smart Healthy Age-Friendly Environments): policy making, funding forecasts and cost-benefit assessments; Section no.4. Healthcare, psychology and ergonomics of the professional ecosystems of employees, associates and affiliates;

Section no.5. Design and creation of innovative ICT solutions integrated into the smart support for active ageing;

Section no.6. Digital economic development.

Developments:

1. Theme of communication, author(s), affiliation, e-mail: 25 January 2022

2. Summary of communication (one page, with pictures of authors): 4 February 2022

- 3. Confirmation of acceptance of communication: 11 February 2022
- 4. Presentation of the text of the full communication: 9 March 2022
- 5. TELECONFERENCE-2021: 18-19 March 2022

Deadline for submission of communications for publication:

March 9, 2022 (up to 6 pages, with pictures of authors, text: TNR 12 in 2 columns) to email address: : infab_dep@ase.md, todoroi@ase.md Phone: 022 402 839, 022 402 893

Technology requirements, structure of the work and other details:

http://www.americanromanianacademy.org/41-submission.

Party Days: Online, Zoom: 18-19 March 2022

Working language: Romanian and English (without translation).

Participation fee: not charged.

Accommodation and travel costs: are borne by participants

International Organizing Committee:

Dumitru TODOROI, prof. univ., dr. hab., m.c. ARA, AESM, Chişinău, Moldova, President Aureliu ZGUREANU, assoc. prof., PhD, dr., AESM, Chişinău, Moldova, Vice-president Radu MIHALCEA, prof. univ., dr., dr., DHC, Illinois University, Chicago, USA Carina DANTAS, Shine2Europe, Portugal Francisco José MELERO MUNOZ, CETEM, Spain Ivan CHORBEV, prof., PhD, Univ. UKIM, Scopje, North Macedonia Elena NECHITA, prof., PhD, m.c. ARA, Univ. "Vasile Alecsandri", Bacău, Romania Maddalena ILLARIO, PhD, Federico II Medical School, Italy Alin ZAMFIROIU, ass. univ., dr., ASE Bucharest, Romania Dan CRISTEA, prof. univ., dr., UAIC, m.c. AR, Iaşi, Romania Ioana IONEL, prof., PhD, dr., hab, m.c ARA, TPU, Timisoara, Romania Marian SIMION, prof., PhD, dr., Boston Theological Institute, Boston, USA Tinca BELINSKI, MS Student, Indiana University, Bloomington, Indiana, USA Constantin SASU, prof. univ., PhD, dr., UAIC, Iaşi, România Zinovia TOACĂ, assoc. prof., PhD, dr., m.c. ARA, Dean, TISE, ASEM, Chişinău, Moldova Marina COBAN, assoc. prof., PhD, dr., m.c. ARA, ASEM, Chişinău, Moldova Sergiu TUTUNARU, assoc. prof., PhD, dr., AESM, Chişinău, Moldova Viorica SUDACEVSCHI, assoc. prof., PhD, dr., UTM, Chişinău, Moldova Sergiu PERETEATCU, assoc. prof., PhD, dr., m.c. ARA, USM, Chişinău, Moldova Corina BULGAC, PhD, dr., ASEM, Chişinău, Moldova Nicoleta TODOROI, Drd, "Gh. Dima" Academy, Cluj-Napoca, Romania Dumitru MICUŞA, PhD Student, International Free University of Moldova Valentina CAPATINA, assoc. prof., PhD, dr., ASEM, Chişinău, Moldova

Program

Opening session of the

International TELECONFERENCE of young researchers "Creation of the Society of Consciousness" (TELE-2022), 11th edition, 18-19 March 2022, 16:00-16:15.

Participants:

Grigore BELOSTECINIC, Prof. univ., dr. hab., Academician AŞM, Ruxandra VIDU, Prof. PhD, Dr. ARA President, Los Angeles, California, USA, Maddalena ILLARIO, PhD, Federico II Medical School, Italy, George I MIHALAS, Prof., PhD, Academician RAMS, Victor Babes University of Medicine and Pharmacy, Timisoara, Romania, Elena NECHITA, Prof., PhD, Univ. "Vasile Alecsandri", Bacău, Romania, Radu MIHALCEA, Prof. Dr. Dr. H. C., University of Illinois at Chicago, USA, Francisco José MELERO MUNOZ, CETEM, Spain, Prof. Luiza SPIRU, Ph.D, Dr., Foundation Ana Aslan International, Bucharest, Romania, Dumitru TODOROI, Prof., PhD, Dr. hab. m.c. ARA, ASEM, Chişinău, RM

Section I: Plenary

March 18, 16:15 – 18:00 Moderators: Maddalena ILLARIO, PhD, Federico II Medical School, Italy, George I MIHALAS, Prof., PhD, Academician RAMS, Victor Babes University of Medicine and Pharmacy, Timisoara, Romania Dumitru TODOROI, Prof., PhD, Dr. hab., m.c. ARA, ASEM, Chişinău, RM Secretary: Marina COBAN, Ass. Prof., PhD, Dr., m. c. ARA

1. Ruxandra VIDU, Prof., PhD, Dr., *Renewable energy: present and perspective*, ARA President, California, USA, <u>rvidu@undavis.edu</u>

2. George I MIHALAS, Prof., PhD, Academician, Sonic Representation of Data. Medical Applications of Sonography, Romanian Academy of Medical Sciences, Victor Babes University of Medicine and Pharmacy, Timisoara, Romania. email: <u>mihalas@gmail.com</u>

3.Radu MIHALCEA, Prof. univ., dr. dr. DHC, *Probleme sociale si tehnice in dezvoltarea medicinii actuale, Subject reserved,* ISU, Chicago, USA, <u>radu2016mi@yahoo.com</u>

4. Elena NECHITA¹, Prof. univ. dr., Elena-Roxana ARDELEANU², Dr., From Smart City to Smart Citizen. ICT Innovation for Improving Life in Contemporary Cities, "Vasile Alecsandri" University of Bacău, Romania, ¹enechita@ub.ro, ²rardeleanu@ub.ro,

5. Madallena ILLARIO¹, Lorenzo MERCURIO, Giovanni Tramontanoi, Vincenzo De Luca2, Guido Iaccarino. ¹**MD, PhD,** *Process mapping to integrate an innovative tool in the prescription of adapted physical activity.* Department of Public Health, Federico II Medical School, Italy, 39-081-7464211, illariomaddalena@gmail.com

6. Cosmina PAUL¹, Luiza SPIRU², Prof., PhD, Dr., *The Development of Innovative Smart* Solutions for Independent and Active Aging, Ana Aslan International Foundation, ¹cosmina.paul@anaaslanacademy.ro, ²Isaslan@anaaslanacademy.ro

Break, coffee, tea, snacks March 18, 18:00 – 18:15

Section no. 1. Designing age-friendly intellectual and emotional environments and communities. March 18, 18:15 – 19:00 Moderators: George I MIHALAS, Prof., PhD, Academician RAMS, Victor Babes University of Medicine and Pharmacy, Timisoara, Romania, Corina BULGAC¹, PhD, Dr., Vice Director ŞMEEB, ASEM Secretary: Ana HÎNCU-CHILIANU, MS, ASEM

41: Mariana BUCIUCEANU-VRABIE, Ass. Prof., PhD, Dr. sociology, *Life long learning and digital inclusivity of older persons in Moldova*, Institutul Național de Cercetări Economice, Centrul Cercetări Demografice, <u>buciuceanuvrabie@gmail.com</u>

7. Tinca BELINSCHI¹, M.M., Indiana University, Indiana; B.M., Lynn University, Florida, Axel Gonzalo ROJAS VALLEJOS², M.M., Rice University, Texas, M.M., Lynn University, Florida; B.M., Pontificia Universidad Catolica de Chile, *Strengthening Individuals' Connections to Society Through Innovative Musical Community Engagement Projects*, ¹tinkabelinski@yahoo.com ²axelrojas@gmail.com

8. Corina BULGAC¹, PhD, Dr., Vice Director ŞMEEB, ASEM, Ana HÎNCU-CHILIANU², MS, ASEM, *Importanța informării persoanelor în etate cu privire la facilitățile fiscale și creșterea gradului de conformarea benevolă a acestora*, ¹bulgac.corina@ase.md, ²anahincu96@gmail.com

9. Corina BULGAC¹, PhD, Dr., Vice Director ȘMEEB, ASEM, Mihail STRATULAT², MS, ASEM, *Eficientizarea procedurilor de administrare fiscală – condiție indispensabilă în procesul de europenizare pentru Republica Moldova*, ¹bulgac.corina@ase.md, ²misha.stratulat@mail.ru

Section 2. Digital solutions and large-scale sustainable deployment. 18 March, 19:00 – 20:30 Moderators: Prof. Luiza SPIRU, Ph.D, Dr., Foundation Ana Aslan International, Bucharest, Romania, Francisco José MELERO MUNOZ, CETEM, Spain, Corina BULGAC, PhD, Dr., AESM, Chişinău, Republic of Moldova Secretary: Valentin BRICEAG², PhD student, MSU, Chişinău, Republic of Moldova

10. Tudor BRAGARU¹, Prof., PhD, Dr., Valentin BRICEAG², PhD student, *Sustainable cybersecurity training for modern society*, ¹Moldova State University, Chisinau, Republic of Moldova, ¹tbragaru@usm.md, ²valentinbriceag@gmail.com

11. Corina BULGAC¹, PhD, Dr., Vice Director ȘMEEB, ASEM, Irina STRATULAT², MD, ASEM, *Impactul situației pandemice asupra comerțului internațional în Republica Moldova*. ¹bulgac.corina@ase.md, ²dandarairina@mail.ru

12. Corina BULGAC¹, PhD, Dr., Vice Director ŞMEEB, ASEM, Adrian PLATON², MD, ASEM, Sistemul fiscal național - mediu de muncă care promovează stabilitatea în funcția publică, ¹bulgac.corina@ase.md, ²platon.adrian@ase.md

13. Vasile NASTAS, PhD, Dr., ASEM, Moldova, Chisinau, *Entertainment Mobile Applications*, vasilenastas.c@gmail.com

14. PLAMADEALA Olivia¹, MORARU Maria², *The EU digital age*, ASEM, ¹plamadeala61@mail.ru, ²moraru maria@yahoo.com

15. Cătălina CARAMAN¹, BS Student ASEM, Chișinău, Adriana CATRUC², lector universitar, ASEM, Chișinău, *Proiectarea și gestionarea unei mașini autonome bazate pe Arduino*, ¹<u>caramancatalina@gmail.com</u>, ²<u>catruc@ase.md</u>

Section II: Plenary

19 March, 8:00 – 9:30 Moderators: Radu MIHALCEA, Prof. Dr. Dr. H. C., University of Illinois at Chicago, USA, Elena NECHITA, Prof., PhD, m.c. ARA, Univ. "Vasile Alecsandri", Bacău, Romania, Romania, Aureliu ZGUREANU, Assoc. Prof., dr., AESM, Chișinău, Republic of Moldova Secretary: Corina BULGAC, PhD, Dr. AESM, Chișinău, Republic of Moldova

16. Ion IVAN¹, Prof., PhD, Dr., Alin ZAMFIROIU², PhD, Dr., *Digitalizarea și avuția națională*, ASE, București, România, ¹ionivan.ion@gmail.com, ²alin.zamfiroiu@csie,ase.ro

17. Dumitru TODOROI¹, Prof., dr. hab., m. c. ARA, Elena NECHITA², Prof., dr., m. c. ARA, *TIC: the friendly interaction of adults in the continuous intergenerational cooperation in the workplace until deep old age.* ¹Honorary Editor of "Society Consciousness Computers" Journal, ASEM, Chişinău, Republic of Moldova, Editor in Chief of "Society Consciousness Computers" Journal, "VasileAlecsandri" University of Bacău, România, ¹todoroi@ase.md, ²enechita@ub.ro

18. Maria KARYOTAKI^{1,2*}, Dr. Athanasios DRIGAS², Prof. Charalabos SKIANIS¹

A Conversational Agent as a personal and professional development tool for healthy aging and sustainable living, ¹University of the Aegean, Samos, Northern Aegean, Greece, ²NCSR Demokritos, Agia Paraskevi, Athens, Greece, <u>*mkaryotaki@aegean.gr</u>

19. Andrian PRISĂCARU, PhD, Dr., *Rolul testării statice și dinamice în pregătirea profesională a studenților din domeniul TI*, ASEM, Chișinău, Republic of Moldova, prisacaru.andrian.anatolie@ase.md

Break, coffee, tea, snacks March 19, 9:30 – 9:45

Section no.3. Impact and sustainability of SHAFE: policy making, funding forecasts and cost-benefit assessments. March 19, 9:45 – 10:45 Moderators: Radu MIHALCEA, Prof. Dr. Dr. H. C., University of Illinois at Chicago, USA, Tudor BRAGARU, Prof., PhD, Dr., MSUChişinău, Republic of Moldova Secretary: Dumitru MICUŞA, PhD Student, FIUM, Chişinău, Republic of Moldova

20. Dumitru MICUȘA, PhD Student, IFUM, Chișinău, Cornelia MICUȘA, DS, Cluj-Napoca, *Intergenerational solidarity. Intergenerational family solidarity*, <u>dimamicusha@gmail.com</u>

21. Catalin BEDROS¹, BS Student, Catalina CARAMAN², BS Student, Constanța LOJECICO³, BS Student, Dumitru MICUȘA⁴, PhD Student, Ana-Maria PÂRLEA⁷, Arina SECRIERI⁵, BS Student, Dumitru TODOROI⁶, Prof., dr. hab., m. c. ARA, *Crearea unei rețele de ÎMM în spațiul Dunărean pentru asigurarea bunăstării psihologice ecologice umane.* ^{1,2,3,5,6}ASEM, ⁴FIUM, Chișinău, Republic of Moldova, ¹bedros.catalin@ase.md, ²caramancatalina@gmail.com, ³constanta.lojecico1@gmail.com, ⁴dimamicusa@gmail.com, ⁵arina.secrieri@gmail.ru, ⁶todoroi@ase.md, ⁷pirlea.ana maria@ase.md

22. Olga TUMURUC¹, MS, ASEM, Tudor BRAGARU², Prof., PhD, Dr., Strengthening the *data-based decision-making process bazed on the National Interoperability Framework*, Chisinau, Republic of Moldova, ¹<u>olga.tumuruc@gmail.com</u>, ²tbragaru@usm.md,

23. Dumitru IEȘEANU¹, Computer science teacher, Tudor BRAGARU², Prof., PhD, Dr., SUSTAINABLE WIDE-SCALE IMPLEMENTATION OF E-LEARNING IN TECHNICAL VOCATIONAL EDUCATION, ¹Vocational School No. 2, Cahul, Republic of Moldova, ²Moldova State University, Chișinău, Republic of Moldova, ¹dumitruieseanu77@gmail.com, ²tbragaru@usm.md

Section no. 4. Healthcare, psychology and ergonomics of the professional ecosystems of employees, associates and affiliates.

March 19, 10:45 – 11:45 Moderators: Cosmina PAUL, Ana Aslan International Foundation, Bucharest, Romania Maria KARYOTAKI, University of the Aegean, Samos, Northern Aegean, Greece, Secretary: Gheorghe BULGAC, BS student, MSU, Chişinău, Republic of Moldova 24. PADURI Anastasia¹, ȚAPCOV Varvara², *Wider Societal Effects of Birth Control*, Ottovon-Guericke University, Magdeburg, Germany, <u>hastyapaduri@gmail.com</u>, <u>2varvara.tapcov@gmail.com</u>

25. Dumitru TODOROI¹, Univ. prof., dr. hab., m. c. ARA, Gheorghe BULGAC², BS student, *Employees, associates and affiliates with continuity of activities in AESM*, ¹AESM, Chişinău, ²MSU, Chişinău, ¹todoroi@ase.md, ²bulgac2000@gmail.com

26. Anatolie PRODAN¹, BS Student, Vasile TACIC², BS Student, Adriana CATRUC³, lector universitar, *Analiza funcționalităților dispozitivelor inteligente*, ASEM, Chișinău, ¹prodan.anatolie@ase.md, ²tacic.vasile@ase.md, ³catruc@ase.md

27. CERNENCHI¹ Nadejda, BS Student, Scientific leader: POPA² Daniela, Ass. Prof., Dr., *Cyber Security Threat Analysis in Higher Education Institutions as a Result of Distance Learning*, ASEM, Chişinău, ¹<u>cernenchi.nadejda@ase.md</u>, ²<u>popa.daniela.Nc3E@ase.md</u>

Section no. 5. Designing and creating innovative ICT solutions integrated into the intelligent support for active ageing. March 19, 11:45 – 12:45 Moderators: Aureliu ZGUREANU², Ass. Prof., PhD., Dr., ASEM, Chişinău, Republic of Moldova Tudor LEAHU, Ass. Prof., PhD, Dr., FIUM, Chişinău, Republic of Moldova Secretary: Ion INCULEȚ, MD, ASEM, Chişinău, Republic of Moldova

28. Ion INCULEȚ¹, MD, **Aureliu ZGUREANU²**, **Conf. univ., Dr., ASEM**, Sistem cu microcontrolere pentru eficientizarea lucrărilor într-o seră, ASEM, <u>linculet.ion@ase.md</u>, ²zgureanu.aureliu@ase.md

29. Grigore FRANȚUZ¹, MD, ASEM, Aureliu ZGUREANU², Ass. Prof., PhD., Dr., ASEM, *Probleme de securitate a fluxului de informații într-o companie de asigurări*, , ¹*frantuz.grigore@ase.md*, ²*zgureanu.aureliu@ase.md*

30. Roman POPA¹, BS Student, ASEM, Aureliu ZGUREANU², Ass. Prof., PhD., Dr., ASEM, *Capturing and distributing data changes using event driven streaming*, ¹<u>popa.roman@ase.md</u>, ²<u>zgureanu.aureliu@ase.md</u>

31. Tudor LEAHU, Ass. Prof., PhD, Dr., FONDUL IFORNMAȚIONAL UNITAR – FORMĂ PERFORMANTĂ DE SOLUȚIONARE DIGITALĂ A ORGANIZĂRII DATELOR PE MEDIUL SISTEMELOR INFORMATICE INTEGRATE, Universitatea Liberă Internațională din Moldova, leahu.ts@mail.ru

32. Adriana CATRUC, PhD student, *Smart home as a telemedicine tool for senior healthcare,* ASEM, Chișinău, catrucadriana@gmail.com

Break, coffee, tea, snacks March 19, 12:45 – 13:00 Session no. 6. Digital economic development.

19 March, 13:00 – 15:00 Moderators: Sergiu TUTUNARU, Ass. Prof., PhD, Dr., AESM, Chişinău, Republic of Moldova, Marina COBAN, Ass. Prof., PhD, Dr., AESM, Chişinău, Republic of Moldova, Secretary: Constanța LOJECICO, BS Student, ASEM, Chişinău, Republic of Moldova

33. Denis CRAVŢOV¹, PhD student, Tudor BRAGARU², Prof., PhD, Dr., Mihail GÎRLEA³, Ass. Prof., PhD, *Digitization and sustainable growth in the quality of life*, ¹Moldova State University, Chisinau, Republic of Moldova, ¹<u>denis.krvc@mail.ru</u>, ²<u>tbragaru@usm.md</u>, ³<u>girleamih@mail.ru</u>

34. Constanța LOJECICO¹, BS Student, Adriana CATRUC², lector universitar, *Implementarea unui coș de cumpărături în Java script*, ASEM, Chișinău, ¹constanta.lojecico1@gmail.com, ²catruc@ase.md

35. Tatiana DARIE¹, BS Student, Marina COBAN², Ass. Prof., PhD, Dr., *Impactul tehnologiilor digitale asupra învățării*, ASEM, Chișinău, ¹darie.tatiana@ase.md, ²mcoban.mcoban@gmail.com

36. Cătălina APRODU¹, BS Student, Marina COBAN², Ass. Prof., PhD, Dr., *Probleme de digitalizare a educației în Republica Moldova*, ASEM, Chișinău, ¹<u>aprodu.caty@gmail.com</u>, ²<u>mcoban.mcoban@gmail.com</u>

37. Cătălin BEDROS¹, BS Student, TUTUNARU² Sergiu, Ass. Prof., PhD, Dr., *Proiectarea unei baze de date "Depozite bancare" și implementarea ei în SQLServer*, ASEM, Chișinău, ¹bedros.catalin@ase.md, ²tutunaru@ase.md

38. CRAVEȚCHI¹ Aurelia, BS Student, Conducător științific, POPA² Daniela, Ass. Prof., PhD, Dr., *Promovarea activităților academice pe pagina de Facebook prin intermediul rețelelor social media*, ASEM, Chișinău, ¹cravetchi.aurelia@ase.md, ²popa.daniela.Nc3E@ase.md

39. SECRIERI ARINA¹, BS Student, TUTUNARU² Sergiu, Ass. Prof., PhD, Dr., NATIONAL IMPLEMENTATION OF INFORMATIONAL TECHNOLOGIES IN TIPOGRAFIC INDUSTRY, ASEM, Chişinău, ¹arina.secrieri@gmail.ru, ²tutunaru@ase.md ¹arina.secrieri@gmail.ru, ²tutunaru@ase.md

40. BADIUŢEANU¹ Mihaela, BS Student, TUTUNARU² Sergiu, Ass. Prof., PhD, Dr., *Implementing graphic design in social networks*, ASEM, Chișinău, ¹badiuteanu.mihaela@ase.md, ²tutunaru@ase.md

42. COLESNICOVA Vlada¹, BS Student, Conducător științific: dr. TUTUNARU Sergiu², Ass. Prof., PhD, Dr., *Some aspects of Software Applications for Incident Analysis*, ¹<u>colesnicova.vlada@ase.md</u>, ²<u>tutunaru@ase.md</u>

Conclusions, Suggestions, Decisions.

Closing of the international TELECONFERRENCE of young researchers entitled "Creation of the Society of Consciousness", 11th Edition, March 18-19, 2022.

Participants:

Grigore BELOSTECINIC, Prof. univ., dr. hab., Academician AŞM, Ruxandra VIDU, Prof. PhD, Dr. ARA President, Los Angeles, California, USA, Maddalena ILLARIO, PhD, Federico II Medical School, Italy, George I MIHALAS, Prof., PhD, Academician RAMS, Victor Babes University of Medicine and Pharmacy, Timisoara, Romania, Elena NECHITA, Prof., PhD, Univ. "Vasile Alecsandri", Bacău, Romania, Radu MIHALCEA, Prof. Dr. Dr. H. C., University of Illinois at Chicago, USA, Francisco José MELERO MUNOZ, CETEM, Spain, Prof. Luiza SPIRU, Ph.D, Dr., Foundation Ana Aslan International, Bucharest, Romania, Dumitru TODOROI, Prof., PhD, Dr. hab. m.c. ARA, ASEM, Chişinău, RM

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🗶 Ana-Maria



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🔏 Mihaela









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Constanta Lojeci...

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🔏 Frantuz Grigore

Frantuz Grigore



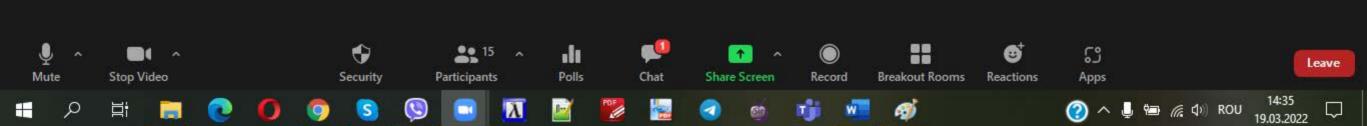


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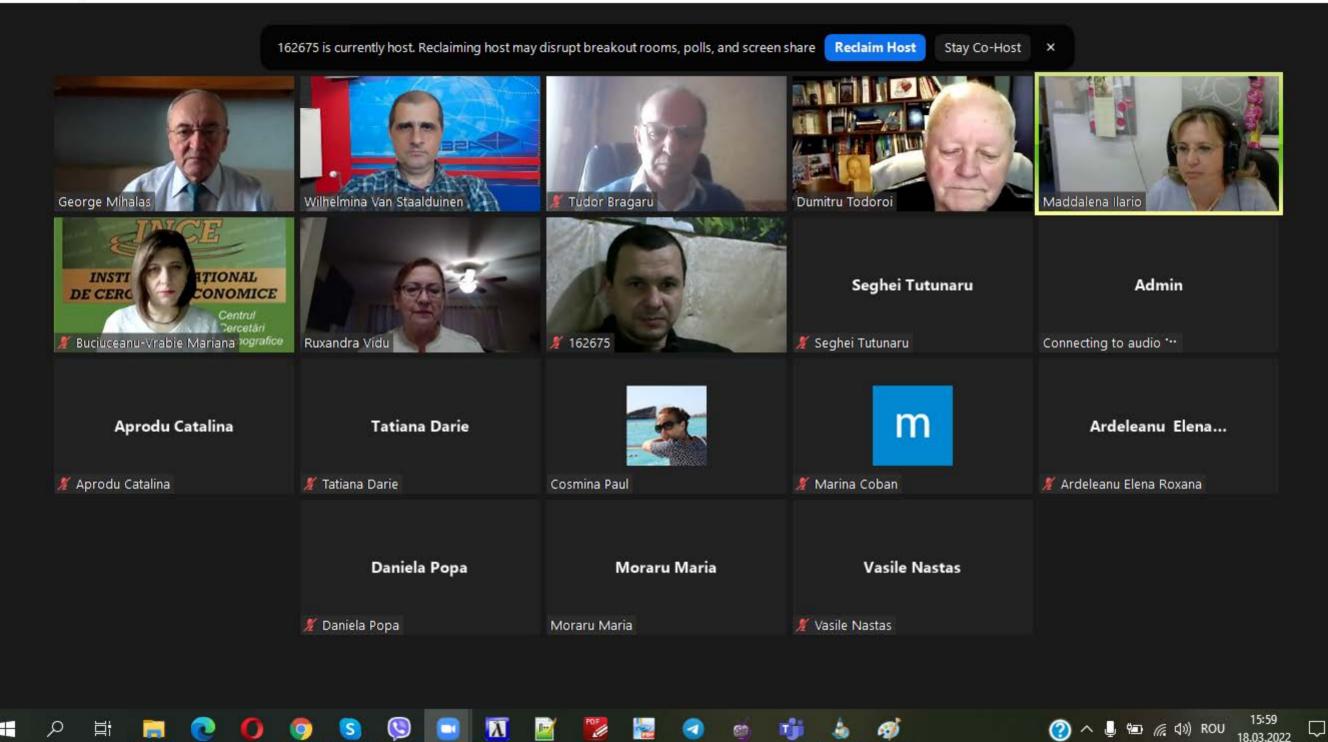
🔏 Popa Daniela

Tudor Bragaru

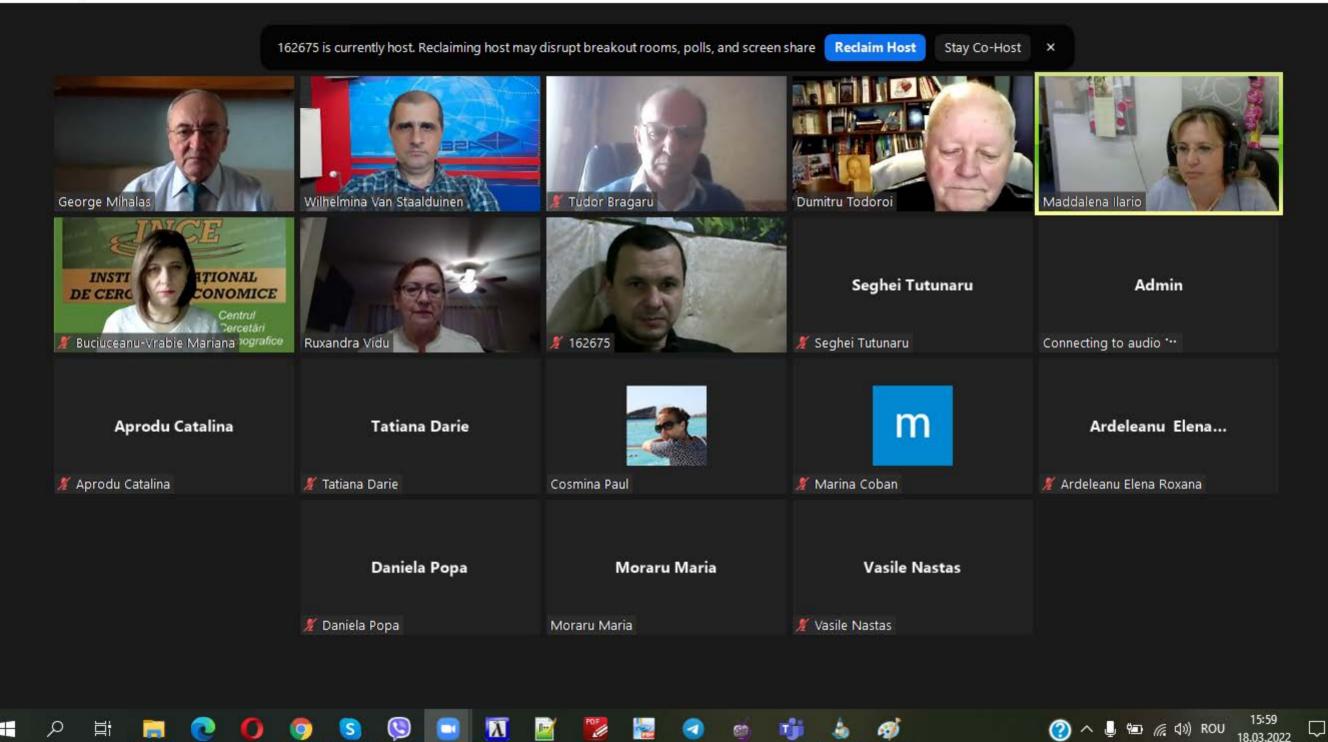
🔏 Tudor Bragaru



Zoom Meeting

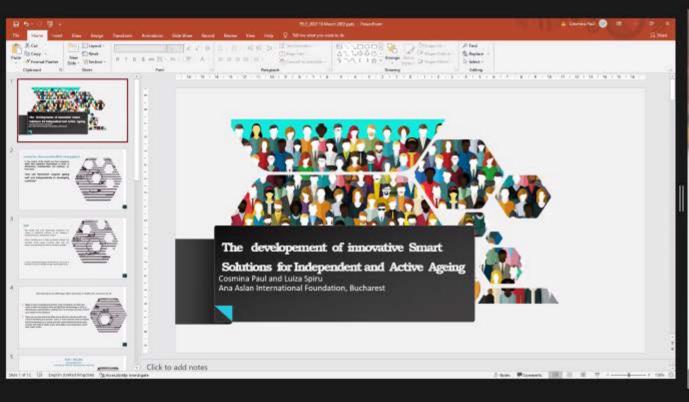


Zoom Meeting



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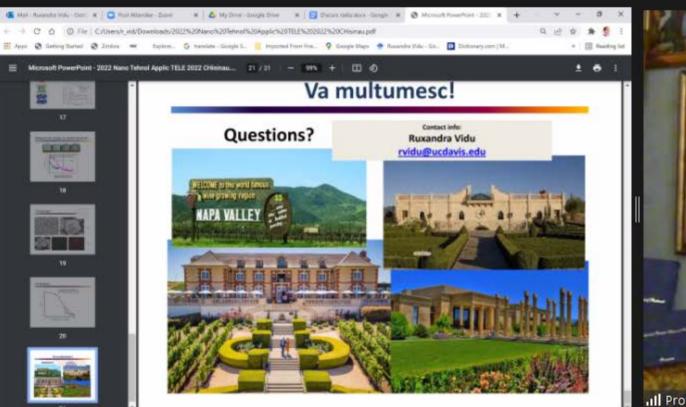




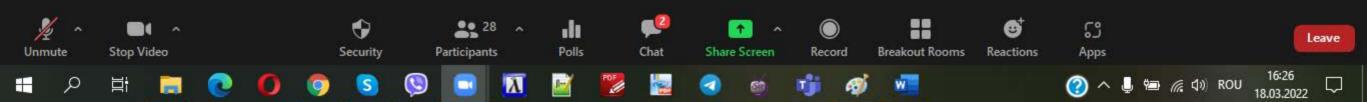


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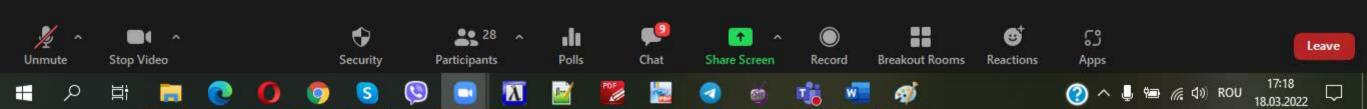
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There is no «typical» older adult

- · Pervasive negative ideas on older adults
- Stereotypes of dependent, frail, emarginated older adults

These negative attitudes limit freedom of older adults to live the lives they choose and block our capacity to capitalise on the great resources represented by older adults





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Investigative activities at TELE-1812

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Opening session of the International TELECONFERENCE of young researchers "Creation of the Society of Consciousness" (TELE-2022), 11th edition, 18-19 March 2022, 16:00-16:15.

- Participants:

Grigore BELOSTECINIC, Prof. univ., dr. hab., Academician ASM,

Ruxandra VIDU, Prof. PhD, Dr. ARA President, Los Angeles, California, USA,

Maddalena ILLARIO, PhD, Federico II Medical School, Italy,

George I MIHALAS, Prof., PhD, Academician RAMS, Victor Babes University of Medicine and Pharmacy, Timisoara, Romania,

Elena NECHITA, Prof., PhD, Univ. "Vasile Alecsandri", Bacău, Romania,

Radu MIHALCEA, Prof. Dr. Dr. H. C., University of Illinois at Chicago, USA,

Francisco José MELERO MUNOZ, CETEM, Spain,

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Prof. Luiza SPIRU, Ph.D, Dr., Foundation Ana Aslan International, Bucharest, Romania,

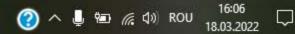
Dumitru TODOROI, Prof., PhD, Dr. hab. m.c. ARA, ASEM, Chişinau, RM

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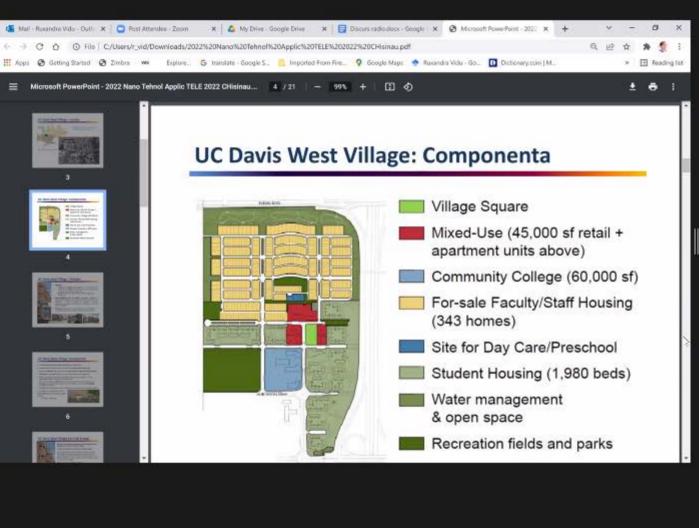
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Investigative scholars of TELE-1822

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Investigative activities at TELE-2022 (Total: 42 research results will be communicated at TELE-2022)

For the year 2022, the Association "Seniors of AESM" and Partners proposes the following investigative activities :

Plenary section I (6 communications)

(1) Designing age-friendly intellectual and emotional environments and communities (4 communications);

(2) Digital solutions and large-scale sustainable deployment (6 communications);

Plenary section II (4 communications)

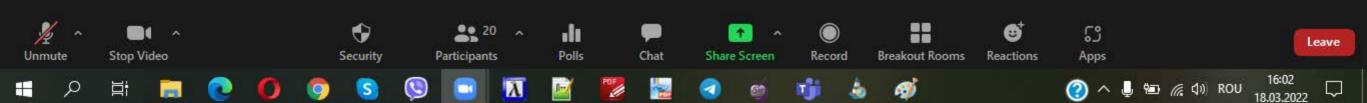
(3) Impact and sustainability of SHAFE: policy making, funding forecasts and cost-benefit assessments (4 communications);

(4) Healthcare, psychology and ergonomics of the professional ecosystems of employees, associates and affiliates (4 <u>communications</u>);

(5) Design and creation of innovative ICT solutions integrated into the smart support for active ageing (5 communications), and

(6) Digital economic development (9 communications).

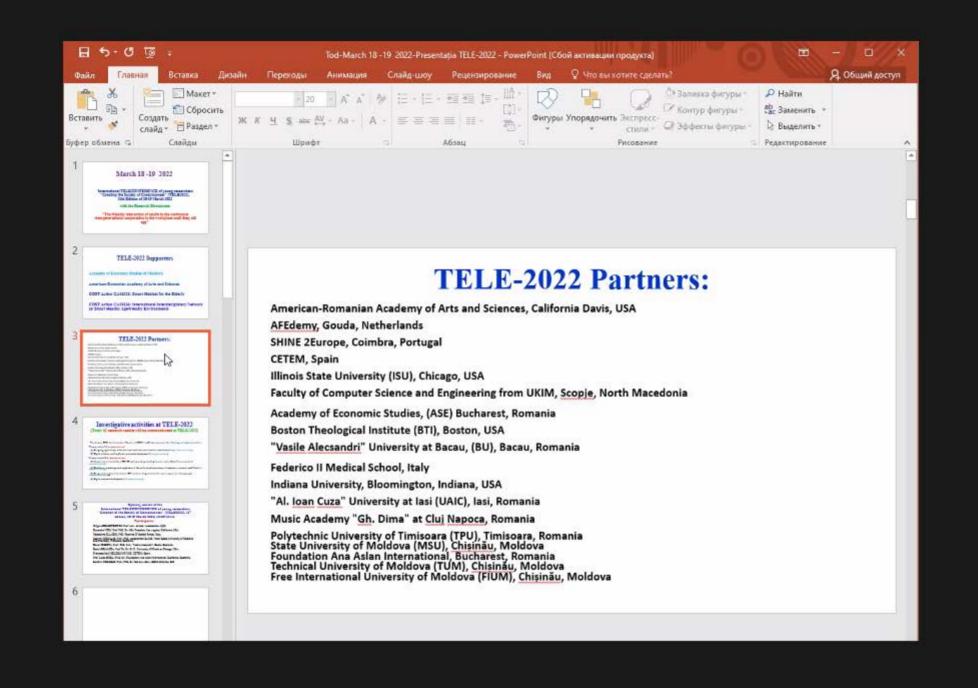




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