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## SUMMER SCHOOL PROGRAM

(ONLINE, SEPT. 6 – 17, 2021)

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WIPO/ACAD//21/INF.1

ORIGINAL: ENGLISH

DATE: AUGUST 2021

**WIPO SUMMER SCHOOLS ON INTELLECTUAL PROPERTY** organized by the World Intellectual Property Organization (WIPO) in cooperation with **Charles University, Industrial Property Office** of the Czech Republic and **Transfera.cz**.

### MODULE 1: EMERGING TECHNOLOGIES

— Including Fintech, Blockchain, Artificial Intelligence, Machine Learning, the AI Cloud, Self-Driving, Augmented Reality, 3D Printing for Manufacturing and Construction, Commercial Modular Buildings, Quantum Computing, Hyperloop Technology, Nanotechnology

### MODULE 2: GREEN ENERGY

— Including Clean Energy Grids, Smart Grids, Micro Grids, Electric Cars, Hydrogen Fuel, Battery Technology, Energy Storage Technology, Nanotechnology, Solar Power Technology, Zero Energy Buildings

### MODULE 3: AEROSPACE TECHNOLOGY

— Including Welcome to Prague: EU Agency for the Space Program, Drone Technology, Avionics, Robotics, Reusable Rockets, Satellites, Self-Piloting Technology, Supersonic and Hypersonic Technologies, Space Planes, Satellite Constellations, Laser and Photon Propulsion, Electric Planes

### MODULE 4: LOGISTICS AND WAREHOUSE TECHNOLOGY

— Including Automated Warehouses, Self-Driving Cargo Ships, Self-Driving Trucks, Cold Storage Technology, Smart Logistics, Smart Contracts, Smart Cargo, Containerization, Port Technology, Electric Trucks, Drone Delivery

### MODULE 5: IP TRENDS, MEGA TRENDS AND GLOBAL IP CHALLENGES WITH EMPHASIS ON THE PANDEMIC

— Including IP and Public Health, Pharmaceutical Patents, Pharmaceutical Know How, Pharmaceutical Production, Pharmaceutical Logistics, Access to Pharmaceuticals to Low Income Countries and Low Income Individuals, Pharmaceutical Patent Waivers, IP and Competition Policy

## WEEK I

### 6. 9. MONDAY

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- 9.00 – 9.10 **Welcome and Administrative Matters** – James Heller
- 9.10 – 9.30 **Introduction of program and participants** Presentation of Charles University / Transfera.cz / The Centre for Knowledge and Technology Transfer
- 9.30 – 9.35 **Welcome address by Deputy Prime Minister Karel Havlicek**
- 9.35 – 9.45 **Welcome addresses President Industrial Property Office** – Josef Kratochvíl;  
**Introduction to UPV and UPV Programs** – Representative from UPV
- 9.45 – 10.00 **Introduction to WIPO and New Developments** – Representative from WIPO
- 10.00 – 10.15 Comfort Break

### SECTION I — PATENTS AND INNOVATION – EMERGING TECHNOLOGIES

- 10.15 – 10.30 **Introduction to Emerging Technologies** – Tanja Sovic – Head of Patent & Licence Management, Technical University of Vienna
- 10.30 – 10.45 **Introduction to the Central European Patent Landscape** – Miroslav Černý – Head of Intellectual Property Department, Škoda Auto
- 10.45 – 11.35 **Topic 1: International Patent Landscape and Emerging Technologies**  
Representative from WIPO
- 11.35 – 12.25 **Topic 2: The Patenting of Computer-Implemented Inventions in Context of Emerging Technologies** – Daniel Herrmann – Partner, Boehmert & Boehmert, Frankfurt, Germany
- 12.25 – 18.30 Break
- 18.30 – 19.15 **Real-World Industry Problem Related to Patent Protection of Emerging Technology** – Raph Younghoon Kim – Attorney, Staas & Halsey LLP, Washington D.C.
- 19.15 – 20.00 **Dissection of the Real-World Industry Problem, with an Emphasis on Patents** – Raph Younghoon Kim – Attorney, Staas & Halsey LLP, Washington D.C.

### 7.9. TUESDAY

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- 9.00 – 9.50 **Topic 3: Patent Exceptions, Limitations and Flexibilities** – Katerina Hartvichova – Patent Attorney, Partner, HARBER IP, Prague, Czech Republic
- 9.50 – 11.00 **Jeopardy-style Quiz on Patents and Innovation** – Emerging Technologies
- 11.00 – 11.15 Comfort Break

## SECTION II — COPYRIGHTS, RELATED RIGHTS AND EMERGING TECHNOLOGIES

### 11.15 – 12.15 **Topic 4: Panel: International Copyright, Recent Developments and Emerging Technologies**

**Panelist 1:** *A/Professor Dilan Thampapillai – University of New South Wales, Sydney, Australia*

**Panelist 2:** *Bahuli Sharma – Attorney, Bharucha & Partners, Delhi, India*

12.15 – 18.30 Break

18.30 – 19.15 **Real-World Industry Problems Related to Copyright: Protection of Creations of Emerging Technologies** – *Faith Amatika-Omondi – Senior Legal Counsel, Kenya Copyright Board, Nairobi, Kenya*

19.15 – 20.00 **Dissection of the Real-World Industry Problem: Deepfakes** – *Faith Amatika-Omondi – Senior Legal Counsel, Kenya Copyright Board, Nairobi, Kenya*

## 8. 9. WEDNESDAY

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9.00 – 9.50 **Topic 5: Emerging Copyright Issues in the Digital Environment** – *A/Professor Dilan Thampapillai, University of New South Wales, Sydney, Australia*

9.50 – 10.40 **Topic 6: Exceptions and Limitations to Copyright in the DSM Directive** – *Dr. Maria-Daphne Papadopoulou – Attorney – Head of the Legal Department, Hellenic Copyright Organization, Greece*

10.40 – 10.50 Comfort Break

10.50 – 11.40 **Topic 7: Collective Management of Copyright and Related Rights** – *Michael Fraser, AM – Founder and CEO (Retired) of Copyright Agency, Australia*

11.40 – 12.30 **Keynote Speech I: IP Protection for Computer Software: Copyright or Patents** – *Sofiya Brutsyak – Lawyer, Eterna Law, Kyiv*

12.30 – 18.30 Break

18.30 – 19.30 **Panel: Artificial Intelligence, Machine Learning and Copyright**

**Panelist 1:** *Linda Kolaříková – Attorney, Sedlakova Legal, Prague, Czech Republic*

**Panelist 2:** *Ondřej Vykoukal – Attorney, KROUPAHELÁN, Prague, Czech Republic*

19.30 – 19.45 **Introduction to Group Activities Leading to Final Projects**  
(Due: Friday Afternoon, 17 September)

19.45 – 20.00 **Speed Networking to Encourage Participants to Group Into Teams for Afternoon Activities and Group Final Reports**

## 9. 9. THURSDAY

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9.00 – 10.10 **Jeopardy-style Quiz on Copyrights, Related Rights and Emerging Technologies**

### SECTION III — MARKS WITH AN EMPHASIS ON GREEN ENERGY

10.10 – 10.25 Comfort Break

10.25 – 10.40 **Introduction to Green Energy**

10.40 – 11.30 **Topic 8: International Trademark Landscape with Some References to Green Energy Marks** – *Ingrid Beránková Ambruzová – Trademark and Design Attorney, Partner, HARBER IP, Prague, Czech Republic*

11.30 – 12.20 **Topic 9: Unfair Competition** – *Representative from WIPO*

12.20 – 18.20 Break

18.20 – 19.10 **Topic 10: Brands and Branding: Green Energy Case Study** – *Piotr Łuczak – Attorney, Hasik Rheims & Partners, Warsaw, Poland*

19.10 – 20.00 **Keynote Speech 2: Green Marks: A New Challenge?** – *Kateřina Floriánová & Denisa Švecová – Attorneys, Bird & Bird, Prague, Czech Republic*

## 10. 9. FRIDAY

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9.00 – 9.30 **Real-World Industry Problem Related to Marks or Branding and Green Energy** – *Irene Calboli – Professor, Texas A&M University*

9.30 – 10.00 **Dissection of the Real-World Industry Problem, with an Emphasis on Marks** – *Irene Calboli – Professor, Texas A&M University*

10.00 – 10.15 Comfort Break

10.15 – 11.05 **Topic 11: Geographical Indications** – *Irene Calboli – Professor, Texas A&M University*

11.05 – 12.15 **Jeopardy-style Quiz on Marks**

12.15 – 13.15 Lunch Break

13.15 – 14.15 **Topic 12: Panel: Internet Domain names and Alternative Dispute Resolution**

**Panelist 1:** *Evžen Martínek – Lawyer, Industrial Property Office of the Czech Republic*

**Panelist 2:** *Mariia Parubets – IP Consultant, SMD Group IP Services and Products, Hamburg, Germany*

## WEEK 2

### 13. 9. MONDAY

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#### SECTION IV — OTHER INTELLECTUAL PROPERTY RIGHTS WITH EMPHASIS ON AEROSPACE TECHNOLOGY

- 9.00 – 9.15 **Introduction to Aerospace Technology – Welcome to Prague: EU Agency for the Space Program**
- 9.15 – 10.15 **Topic 13: Panel: Design Protection and its Interface with Other Intellectual Property Fields with Some References to Aerospace Technology**
- Panelist 1:** *Ludmila Celisova – Administrator, European Union Intellectual Property Office*
- Panelist 2:** *Irene Calboli – Professor, Texas A&M University*
- 10.15 – 11.05 **Topic 14: Trade Secrets: Issues and Best Practices with Some References to Aerospace Technology – Dušan Štric – Lawyer, V4 Legal, Slovakia**
- 11.05 – 11.20 Comfort Break
- 11.20 – 12.10 **Topic 15: Semiconductor and Topography Rights with Some References to Aerospace Technology – Representative from WIPO**
- 12.10 – 12.30 **Group Activities Leading to Final Projects**  
(Due: Friday Afternoon, 17 September)
- 12.30 – 18.30 Break
- 18.30 – 19.15 **Real-World Industry Problem Related to Aerospace Technology**  
(with Some References to ‘Other Intellectual Property Rights’)
- 19.15 – 20.00 **Dissection of the Real-World Industry Problem, with Some References to “Other Intellectual Property Rights”**

### 14. 9. TUESDAY

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- 9.00 – 9.30 **Keynote Speech 3: in the Field of Aerospace Technology**
- 9.30 – 10.30 **Jeopardy-style Quiz on “Other” Intellectual Property Rights**
- 10.30 – 10.40 Comfort Break

#### SECTION V — INTELLECTUAL PROPERTY AS A BUSINESS ASSET EMPHASIS ON LOGISTICS AND WAREHOUSE TECHNOLOGY

- 10.40 – 10.55 **Introduction to Logistics and Warehouse Technology**

- 10.55 – 11.45 **Topic 16: Economics of IP** (with emphasis on logistics and warehouse technology)  
– *Representative from WIPO*
- 11.45 – 12.35 **Topic 17: Panel: Transfer of Technology and Licensing with emphasis on logistics and warehouse technology**
- Panelist 1:** *Theo Stamatiadis – World Intellectual Property Organization*  
**Panelist 2:** *András Jókúti – Chief Intellectual Property Advisor, Budapest University of Technology and Economics*
- 12.35 – 18.30 Break
- 18.30 – 19.20 **Topic 18: IP Valuation** (with emphasis on logistics and warehouse technology)  
– *Dr Aleksandra Kuźnicka - Cholewa – Attorney, CMS Cameron McKenna, Warsaw, Poland*
- 19.20 – 19.50 **Real-World Industry Problem Related to Logistics and Warehouse Technology** (with Some References to IP as a Business Asset) – *Malgorzata Darowska – Senior Project Manager, Solidarity Transport Hub Poland*

## 15. 9. WEDNESDAY

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- 9.00 – 9.30 **Dissection of the Real-World Industry Problem, with an Emphasis on IP as a Business Asset** – *Malgorzata Darowska – Senior Project Manager, Solidarity Transport Hub Poland*
- 9.30 – 10.40 **Topic 19: IP Management and Monitoring with emphasis on logistics and warehouse technology** – *Dániel Necz – Partner, SimpLEGAL, Hungary*
- 10.40 – 10.50 Comfort Break
- 10.50 – 11.40 **Keynote Speech 4: IP as a Business Asset (In the Field of Media, Software, Text to Speech, Logistics and Warehouse Technology** – *Anna Zawadzka – Head of Legal Department, AIC S.A., Poland*

## SECTION VI — IP TRENDS, MEGA TRENDS AND GLOBAL IP CHALLENGES WITH EMPHASIS ON THE PANDEMIC

- 11.40 – 11.50 **Introduction IP Trends, Mega Trends, Global IP Challenges with Emphasis on the Pandemic** – *Featured Speaker: Professor Duncan Matthews – Queen Mary University*
- 11.50 – 12.40 **Topic 20: IP and Public Health: From the HIV/AIDS Pandemic to Covid-19. Issues and Challenges** – *Featured Speaker: Professor Duncan Matthews – Queen Mary University*
- 12.40 – 18.30 Break

- 18.30 – 19.15 **Real-World Industry Problem Related to IP and Public Health: the Oxford / AstraZeneca Vaccine** – *Featured Speaker: Professor Duncan Matthews – Queen Mary University*
- 19.15 – 20.00 **Dissection of the Real-World Industry Problem, with an Emphasis on IP and Public Health: the Oxford/AstraZeneca Vaccine** – *Featured Speaker: Professor Duncan Matthews – Queen Mary University*

## 16. 9. THURSDAY

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- 9.00 – 9.50 **Keynote Speech 5: IP and Access to COVID19-relevant Medicines** – *Dr Agnieszka Sztoldman – Attorney, Taylor Wessing, University of Wrocław, Poland*
- 9.50 – 10.40 **Topic 21: IP and Competition Policy: A Case Study of the Pharmaceutical Industry** – *Featured Speaker: Professor Duncan Matthews – Queen Mary University*
- 10.40 – 10.50 Comfort Break
- 10.50 – 11.40 **Topic 22: Intellectual Property and Biotechnology** – *Petra Fousková – Patent Attorney, HARBER IP, Prague, Czech Republic*
- 11.40 – 12.30 **Topic 23: IP, Plant Varieties, Biodiversity and Genetic Resources: International Landscape and Current Issues** – *Krisztina Kovacs – Policy Officer, European Commission*
- 12.30 – 18.20 Break
- 18.20 – 19.10 **Keynote Speech 6: Patents and the Governance of Human Genome Editing** – *Featured Speaker: Professor Duncan Matthews – Queen Mary University*
- 19.10 – 20.00 **Topic 24: Traditional Knowledge and Traditional Cultural Expressions: Towards a Suitable Protection System** – *Krisztina Kovacs – Policy Officer, European Commission*

## 17. 9. FRIDAY

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- 9.00 – 9.50 **Topic 25: IP Enforcement: Principles, Strategies and Tactics** – *Lisa Ritchie – Senior Counsel (Trademarks, Copyright & Designs), Philip Morris International, Lausanne, Switzerland*
- 9.50 – 10.25 **Keynote Speech 7: WIPO, UPV, and The Centre for Knowledge and Technology and their Roles in Promoting Creativity and Innovation** – *Representative from WIPO, Representative from Czech Industrial Property Office, Representative from The Centre for Knowledge and Technology*
- 10.25 – 10.35 Comfort Break
- 10.35 – 11.25 **Aerospace Technology Licensing Negotiation: Group I Final Project**

- 11.25 – 12.15 **Presentation of Business Plan with IP Emphasis (for Emerging Technology Business): Group II Final Project**
- 12.15 – 13.15 Lunch Break
- 13.15 – 14.05 **Green Energy Alternative Dispute Resolution: Group III Final Project**
- 14.05 – 14.55 **Logistics and Warehouse Technology, Technology Transfer Negotiation: Group IV Final Project**
- 14.55 – 15.10 Comfort Break
- 15.10 – 16.00 **Graduation Ceremony, Evaluation and Closing of the Program**