

Professional Science Videos

- V.11. **Harfouche A.L.**, Corona, P. (2023). Building the wood science and technology metaverse (WOODMeta): a showcase for wood phenomics education, research, and innovation. To be submitted to *Plant Phenomics*. Figure360 <https://drive.google.com/file/d/1SQ9IK6Xxf0awkd4CS7XwDdA0J8AqpSml/view>
- V.10. Nakhle F., **Harfouche A.** (2023). Extended reality gives digital agricultural biotechnology a new dimension. *Trends in Biotechnology*. Figure360 <https://ars.els-cdn.com/content/image/1-s2.0-S0167779922002396-mmc1.mp4>
- V.9. Nakhle F., **Harfouche A.** (2020). Ready, Steady, Go AI: A practical tutorial on fundamentals of artificial intelligence and its applications in phenomics image analysis. *Patterns*. Figure360 <https://ars.els-cdn.com/content/image/1-s2.0-S2666389921001719-mmc1.mp4>
- V.8. **Harfouche A.L.**, Jacobson D., Kainer D., Romero J., Harfouche A.H., Scarascia Mugnozza G., Moshelion M., Tuskan G., Keurentjes J., Altman A. (2019). Accelerating Climate Resilient Plant Breeding by Applying Next-Generation Artificial Intelligence. *Trends in Biotechnology*. Figure360 <https://ars.els-cdn.com/content/image/1-s2.0-S0167779919301143-mmc1.mp4>
- V.7. **Harfouche A.**, Khoury S. (2016). BIOINNNO New Learning and Teaching Model™. *YouTube BIOINNNO EDU Channel* <https://youtu.be/KRjZTeWV9dY>
- V.6. **Harfouche A.**, Khoury S. (2015). Promotional video about BIOINNNO International Entrepreneurship Conference 2015. *YouTube BIOINNNO EDU Channel* <https://youtu.be/dCYe991SJVE>
- V.5. **Harfouche A.**, Khoury S. (2014). BIOINNO 2nd BioInnovation Elevator Pitch Competition. *YouTube BIOINNNO EDU Channel* <https://youtu.be/d2YV6YbR1ow>
- V.4. **Harfouche A.**, Khoury S. (2014). EU Knowledge Alliance's BIOINNNO Teaches Biotechnology Entrepreneurship. *YouTube BIOINNNO EDU Channel* <https://youtu.be/Smaok79vIL4>
- V.3. **Harfouche A.**, Khoury S. (2014). BIOINNNO 1st Pilot Activities on Entrepreneurship Education. *YouTube BIOINNNO EDU Channel* <https://www.youtube.com/watch?v=EyfSngRMwtM>
- V.2. **Harfouche A.**, Khoury S. (2014). BIOINNNO 1st BioInnovation Pitch Competition. *YouTube BIOINNNO EDU Channel* <https://youtu.be/rQASd3xyTHw>
- V.1. **Harfouche, A.**, Glandorf, B., Meir, M., Bartsch, D., Bossinger, G., Sweet, J. (2013). Plant genome modification and the regulatory framework for GM plants in Europe. *YouTube COST Action FP0905* https://youtu.be/NkgFxxLAz_M

Community Research and Training Resources

Prof. Harfouche strongly believe that open science practices such as sharing research and training community resources on platforms like GitHub play a pivotal role in advancing scientific research and collaboration. By making research code, computational notebooks, and data openly accessible, Prof. Harfouche fosters transparency and reproducibility, enabling others to validate and build upon my work. His laboratory's GitHub houses numerous repositories, including repositories for explainable artificial intelligence tutorials and data analytics, and for building human-centric metaverses. It not only promotes knowledge transfer, but also empowers a global community of researchers to collectively accelerate scientific discovery and innovation, fostering a culture of collaboration that transcends geographical and institutional boundaries. The GitHub and its repositories are accessible at <https://github.com/HarfoucheLab>