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Inclusion and Diversity in STEAM

Reflection Questions

Deep Learning in Classification of Covid-19 Coronavirus, Pneumonia and Healthy Lungs on CXR and CT Images

Prof. Dr. Habil. Eng. Mihaela LASCU

1. Who played a key role in Prof. Mihaela Lascu's professional journey in electronic engineering?
a) Father's encouragement
b) Participation in competitions and Olympiads
c) Encouraging high school teachers?

2. What does Prof. Mihaela LASCU consider to be her most significant contributions in her field of activity?
a) Research in electromagnetic compatibility and in artificial intelligence for medical image processing.
b) Involvement in the accreditation process and quality assurance of study programs.
c) Research in Telecommunications and Information Technology.

3. What is the main result of Prof. Mihaela Lascu's research regarding the deep learning in classification of Covid-19 Coronavirus, pneumonia and healthy lungs on CXR and CT Images?
a). It contributes to ensuring the development of research in biomedical engineering
b) It makes patient diagnosis faster and more accurate.
c) Demonstrate to the students the practical dimension of applied research?

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Answers:

1. Who played a key role in Prof. Mihaela Lascu's professional journey in electronic engineering?

Answer: a) Father's encouragement.

2. What does Prof. Mihaela LASCU consider to be her most significant contributions in her field of activity?

Answer: a) Research in electromagnetic compatibility and in artificial intelligence for medical image processing.

3. What is the main result of Prof. Mihaela Lascu's research regarding the deep learning in classification of Covid-19 Coronavirus, pneumonia and healthy lungs on CXR and CT Images?

Answer: b) It makes patient diagnosis faster and more accurate.

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