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Latin American regional workshop on SciTinyML: Scientific Use of Machine Learning on Low-Power Devices | (smr 3721)

Wednesday 13 July 2022

Hands-on Computer Vision - Online (15:00-19:00)

time	title	presenter
15:00	Day Opening (EN)	MARCO ZENNARO
15:05	Convolutions for Computer Vision (EN)	BRIAN KYLE PLANCHER
15:45	Hands-On Computer Vision (SP)	MARCELO JOSE ROVAI
16:45	Case Study: Bee Counting with FOMO (SP)	IVAN BALSA
17:00	Case Study: Satellite Applications for TinyML (SP)	JOSé ANTONIO BAGUR NÁJERA
17:15	Case Study: AI-vision Sensors for Water Quality Monitoring (EN)	MARCELO PIAS (FEDERAL UNIVERSITY OF RIO GRANDE - FURG, BRAZIL), BRUNA GUTERRES (FEDERAL UNIVERSITY OF RIO GRANDE - FURG, BRAZIL)
17:30	Case Study: Detecting Usage of Personal Protective Equipment with a CNN (EN)	GABRIELE FRANÇA
17:45	Case Study: Computer Vision - Mask/No-Mask (SP)	JUAN CAMILO GIRALDO LONDONO (UNIVERSIDAD AUTÓNOMA DE OCCIDENTE, COLOMBIA), KAREN SOFIA BUSTAMANTE VILLOTA (UNIVERSIDAD AUTÓNOMA DE OCCIDENTE, COLOMBIA)
17:55	Day Closing (EN)	
18:00	Office Hour (SP)	