

IWADL - 2018

Schedule

Day # 1 16/07/2018 Monday	9:00-9:30		Registration
	9:30-10:00		Inauguration
	10:00-10:30		Tea Break – Discussion
	10:30-12:00	Technical Session#0	<i>Session Title: Expert Talk (Computer Vision and Deep Learning)</i>
	12:00-14:00		Lunch Break
	14:00-15:30	Technical Session#1	<i>Session Title: Expert Talk (Machine Learning: Basic)</i>
	15:30-16:00		Tea Break – Discussion
	16:00-17:30	Technical Session#2	<i>Session Title: Basic Perceptron to Deep Learning</i>
	17:30-18:30	Hands-on Session#1	<i>Session Title: Hands-on Session 1 (Fully Connected Networks)</i>

Day # 2 17/07/2018 Tuesday	9:00-10:30	Technical Session#3	<i>Session Title: Expert Talk (Machine Learning: SVM)</i>
	10:30-11:00		Tea Break - Discussion
	11:00-12:30	Technical Session#4	<i>Session Title: Convolutional Neural Networks - Part A (Basic of convolution layers, Activation Functions and Pooling Layers)</i>
	12:30-14:00		Lunch Break
	14:00-15:30	Technical Session#5	<i>Session Title: Convolutional Neural Networks - Part B (Designing a CNN, Case studies of some CNN architectures: VGG, Inception, ResNet)</i>
	15:30-16:00		Tea Break - Discussion
	16:00-17:15	Hands-on Session#2	<i>Session Title: Hands-on Session 1 (CNN Part A)</i>
		17:15-18:30	Hands-on Session#3

Day # 3 18/07/2018 Wednesday	9:00-10:30	Technical Session#6	<i>Session Title: Expert Talk</i>
	10:30-11:00		Tea Break - Discussion
	11:00-12:30	Technical Session#7	<i>Session Title: Object localisation and detection with FRCNN</i>
	12:30-14:00		Lunch Break
	14:00-15:30	Technical Session#8	<i>Session Title: Object Detection with SSD, SSH</i>
	15:30-16:00		Tea Break - Discussion
	16:00-17:15	Hands-on Session#4	<i>Session Title: Hands-on Session 4 (Transfer Learning and Localisation)</i>
		17:15-18:30	Hands-on Session#5

Day # 4 19/07/2018 Thursday	9:00-10:30	Technical Session#9	<i>Session Title: Autoencoder and VAE (Part-A)</i>
	10:30-11:00		Tea Break - Discussion
	11:00-12:30	Technical Session#10	<i>Session Title: Autoencoder and VAE (Part-B)</i>
	12:30-14:00		Lunch Break
	14:00-15:30	Technical Session#11	<i>Session Title: Siamese (Basics of siamese networks, How to train siamese networks: Training and batching)</i>
	15:30-16:00		Tea Break - Discussion
	16:00-17:15	Hands-on Session#6	<i>Session Title: Hands-on Session 6 (Autoencoder and VAE)</i>
		17:15-18:30	Hands-on Session#7

Day # 5 20/07/2018 Friday	9:00-10:30	Technical Session#12	<i>Session Title: Expert Talk</i>
	10:30-11:00		Tea Break - Discussion
	11:00-12:30	Technical Session#13	<i>Session Title: GAN (Basics of GAN, Some GAN case studies: DCGAN, Conditional GAN, Pix2Pix, CycleGAN, SRGAN)</i>
	12:30-14:00		Lunch Break
	14:00-15:30	Technical Session#14	<i>Session Title: RNN and LSTM (Basics of recurrent networks, Some case studies: Gait, Brain Fiber Tractography, Time Series data Analysis)</i>
	15:30-16:00		Tea Break - Discussion
	16:00-17:15	Hands-on Session#8	<i>Session Title: Hands-on Session 8 (GAN)</i>
		17:15-18:30	Hands-on Session#9