

THE EUROPEAN ORTHODONTIC BIOMECHANICS COURSE (EOBC) 2019

Weeks 1-3 **Lido di Camaiore, Italy** (June 24th-July 12th)

Week 4 **Budapest, Hungary** (Sept 30th - Oct 4th)

Week 5 **Rotterdam, Netherlands** (Nov 5th - Nov 9th)

BM Birte Melsen

GF Giorgio Fiorelli

KK Kamila Kabacinska

ET Erkjan Timmer

AA Asta Abuneviciute

ZV Zsuzsanna Vaci

PM Paola Merlo

WO Wislei Oliveira

Week 1 Lido di Camaio

	Monday			Tuesday			Wednesday			Thursday			Friday		
	GF	Introduction to the Course	1	GF	Movements. Center of rotation. Equivalent Force Systems. EXERCISES	4	GF	Force Systems: Active/Passive Units - Frictional/Non Frictional – Statical Determination – Consistency	2.5	AA	Occlusogram Introduction - Digital Models and The DDP Software	2	ET	Use of Virtual Articulator for mandibular repositioning	1.5
	WO	Basic of Static Mechanics, Force and Moments, Center of Resistance.	3	GF	How to calculate the needed force system for a specific dental movement - EXERCISES	3	ET	Equilibrium - Anchorage Needs Estimation --- EXERCISE	2.5		First Occlusogram (2d) Executed both by instructors and students	2	GF	3d Occlusogram and Virtual Set Up Exercise	2.5
	KK	Vector Calculations with Exercises	3					Occlusal Anchorage Management.	1.5		More occlusograms exercises (2d)	3	GF	Dma Software and Exercises	3



The colored stripes show the needed presence of teachers

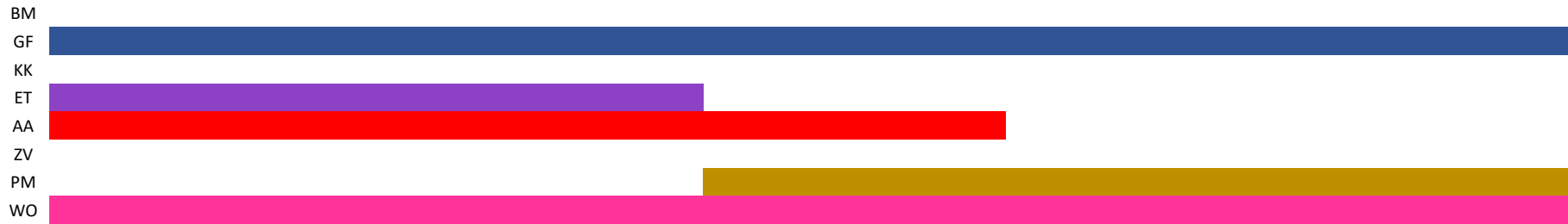
Teachers are identified in the program by color and initials

Black color means practical part to be followed by all teachers

Week 2 Lido di Camaiore

	Monday		Tuesday		Wednesday		Thursday		Friday	
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GF	Statically Determinate Mechanics and Cantilevers	4	GF	Exercise in designing Statically Determinate Mechanics	2	GF	Metallurgy	3	PM	Statically indeterminate systems: The Six Geometries	2	PM	How to combine straight wire and segmental approach	2
			AA	Two Vector Mechanics	1	ET			GF	The Dynamic of Geometries. Alignment with linear segments	2		Typodont: Six Geometries, V Bend, Alpha Beta Springs	5
	Typodont Passive segments and lingual arches	3		Typodont: Basic Cantilevers	4		Typodont: Cantilevers w.configuration and composite, Welding Exercises	4	WO	V Bends and Alpha beta Springs	3			3



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Week 3 Lido di Camaiore

	Monday	Tuesday	Wednesday	Thursday	Friday
ZV	Alignment Loops 2	GF TPA and Lingual Arches 2	BM Biology of Dental Movement 3	BM Treatment of Vertical Problems: Deep bite/Open bite 4	Instructions, How to prepare a case for discussion. 1
	Typodont Rectangular Loops 2			Typodont: Deep bite correction 3	BM Torque and Uprighting 3
GF	TPA and Lingual Arches 1 3	Typodont: TPA and L. Arches 5	BM Use of Tads (with hands on) 4		Typodont: Torque and Uprighting 3
BM		[Red bar]			
GF	[Blue bar]				[Blue bar]
KK					
ET					
AA					
ZV	[Green bar]				
PM					
WO	[Pink bar]				

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Week 4 Budapest

	Monday	Tuesday	Wednesday	Thursday	Friday
GF	Space Closure - Loops 4	GF Complex Cases Treatment Planning 2	ZV Space Closure . Statically determinate 3	GF Expansion and Space Opening 3	GF Mandibular Repositioning 3
	Mini Typodont: T Loops 3	KK Presentation: Cases with Tads 2	Mini Typodont: Space Closure SD 2	Students Case Discussion 4	Students Case Discussion 4
		Students Case Discussion 3	Students Case Discussion 2		

BM
GF
KK
ET
AA
ZV
PM
WO



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Week 5 Rotterdam

Monday	Tuesday	Wednesday	Thursday	Friday
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BM Growth and Development 4	BM Transversal Problems 4	BM Asymmetry etiology/ localization treatment Correction/camouflage 3	BM Interdisciplinary Orthodontics Preprosthetics Orthodontics Ortho treatment of Periodontics cases -1 4	FINAL TEST 2.5
Students Case Discussion 3	Students Case Discussion 3	AA Asymmetry cases treated with Repositioning 2	Students Case Discussion 3	BM Interdisciplinary Orthodontics Preprosthetics Orthodontics Ortho treatment of Periodontics cases -2 4.5
		ET Asymmetry cases treated with Repositioning 2		



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