



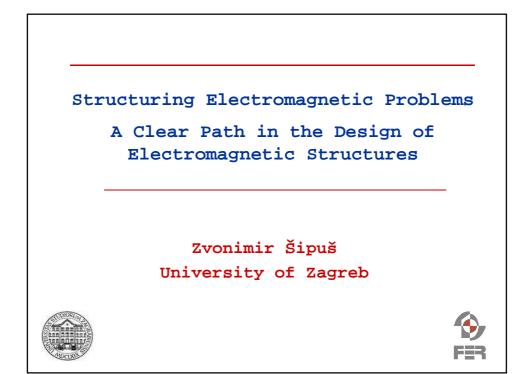
Structuring Electromagnetic Problems – A Clear Path in the Design of Electromagnetic Structures

by

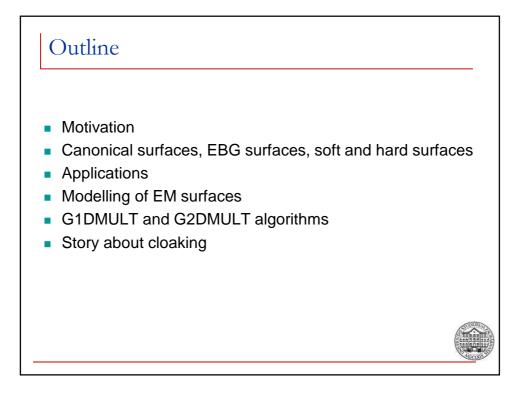
Zvonimir Šipuš

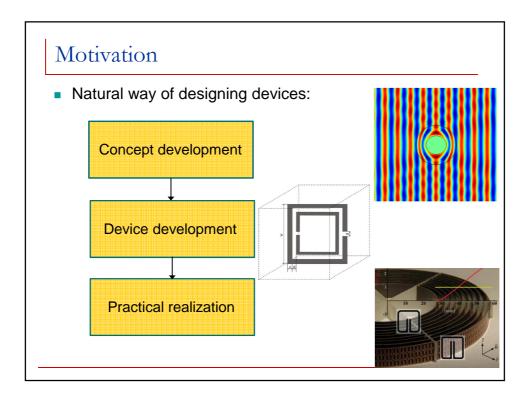
University of Zagreb, Croatia

September 13 - 15, 2018.

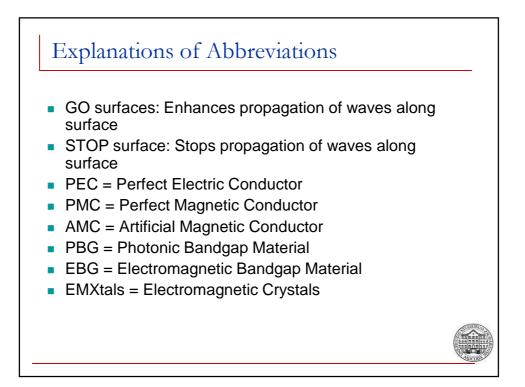


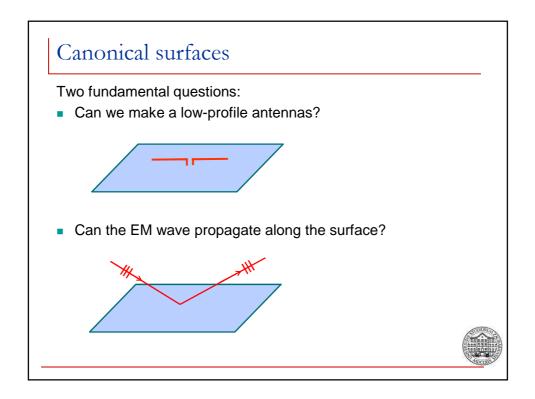


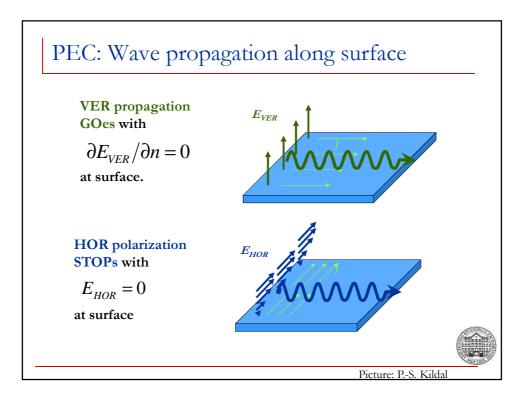


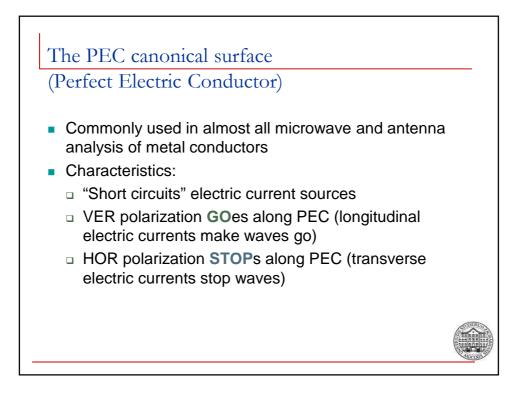


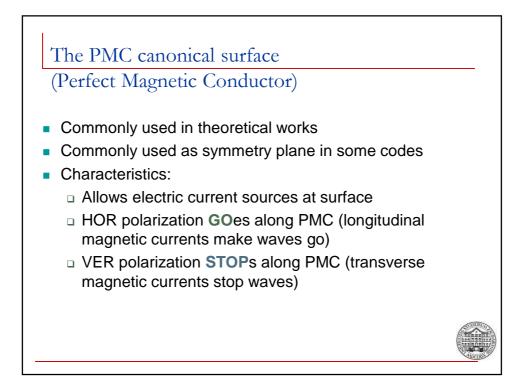
Canonical Surface		E-field Polarization	
		VER or TM	HOR or TE
PEC		GO	STOP
РМС		STOP	GO
PEC/PMC Strip grid	SOFT	STOP	STOP
	Hard	GO	GO
PMC-type EBG	grazing	STOP	STOP
	close to normal	PMC	

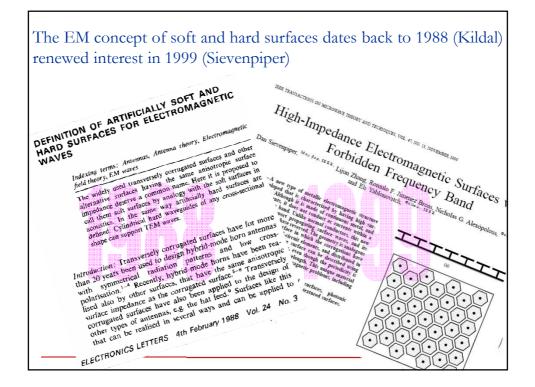




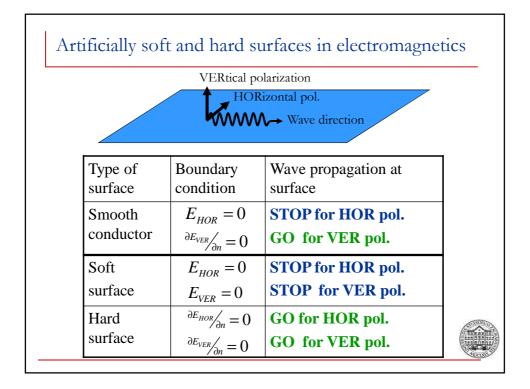


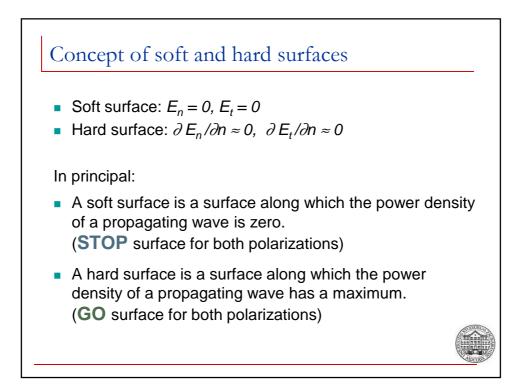


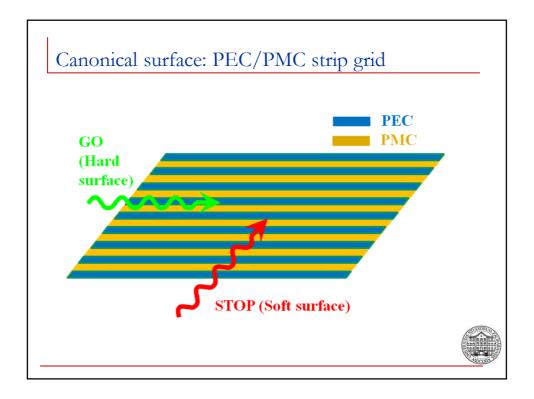


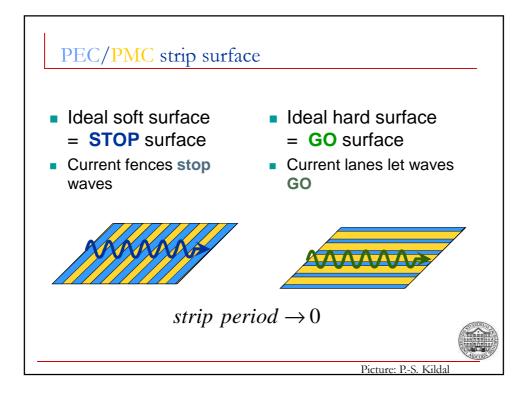


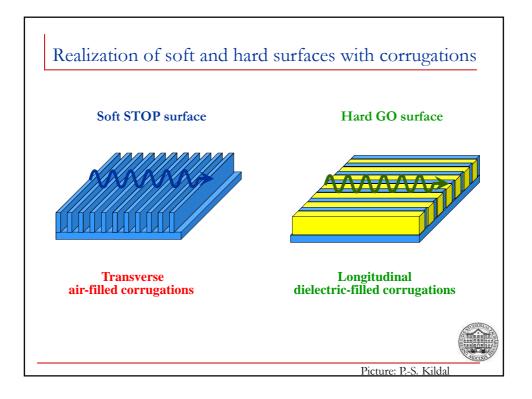
 Soft and hard surfa diffraction theory <i>p</i> is acoustic press 	-	acoustics and
Surface	Boundary condition	Wave propagating at surface
Soft	p = 0	No
Hard	$\frac{\partial p}{\partial n} = 0$	Yes

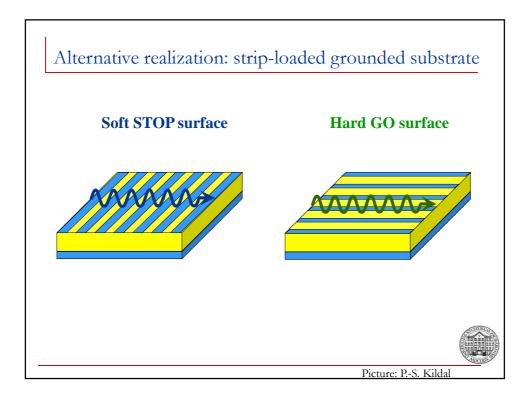


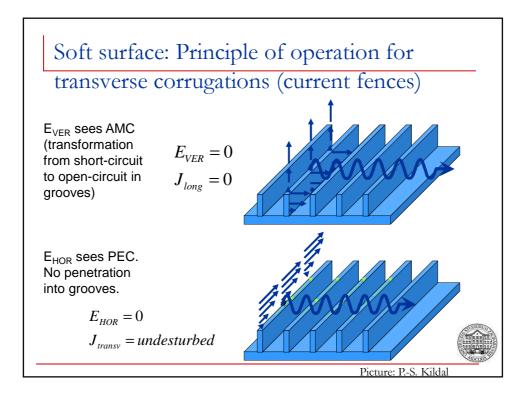


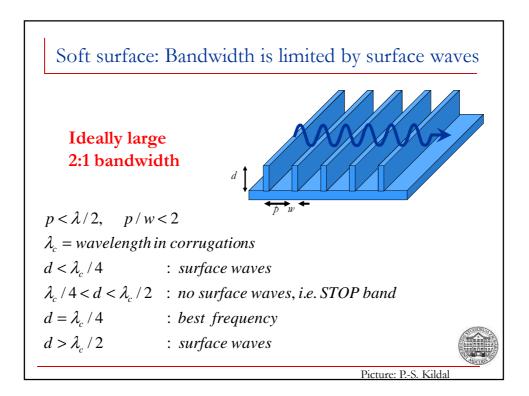


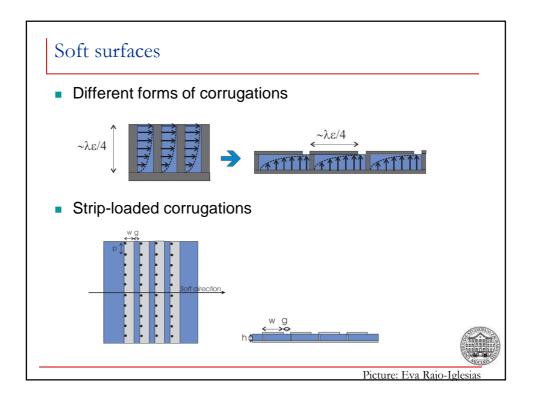




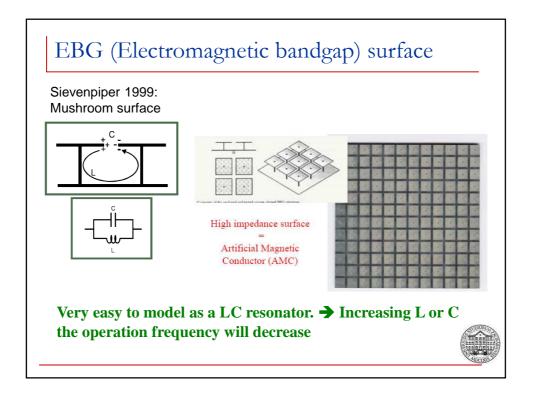


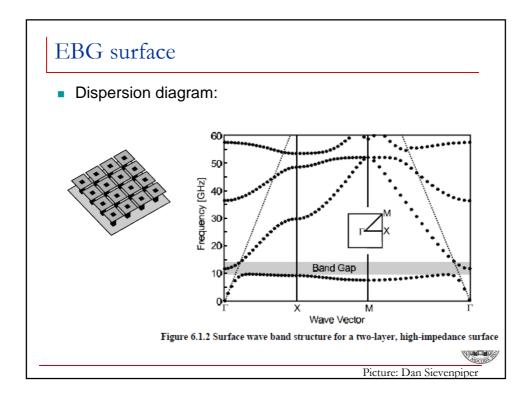


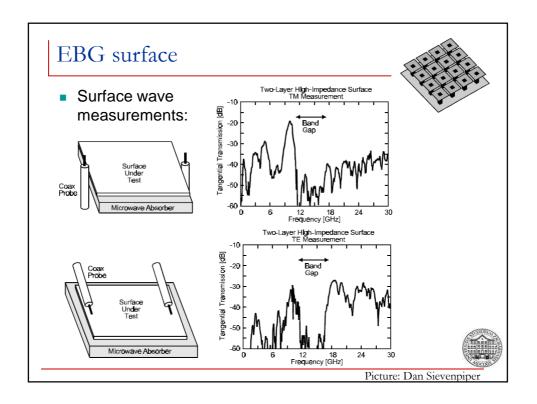


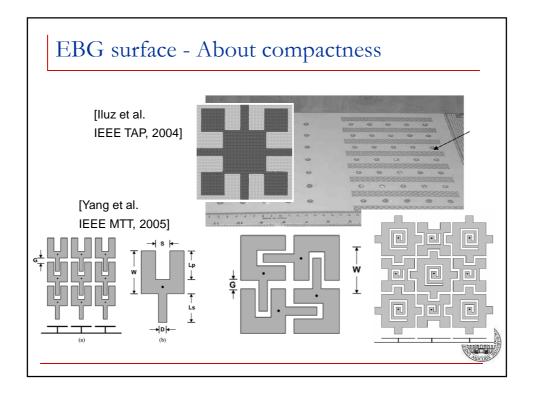


Canonical Surface PEC PMC		E-field Polarization	
		VER or TM	HOR or TE
		GO STOP	STOP GO
	HARD	GO	GO
PMC-bype	grazing	stop	STOP









Canonical surfaces					
Canonical Surface		E-field Polarization			
		VER or TM	HOR or TE		
PEC		GO	STOP		
РМС		STOP	GO		
PEC/PMC Strip grid	SOFT	STOP	STOP		
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