



The Abdus Salam
International Centre for Theoretical Physics



School on Stochastic Geometry, the Stochastic Loewner Evolution,
and Non-Equilibrium Growth

**BACKGROUND MATERIAL/REFERENCES FOR LECTURE ON
"FROM CRITICAL TO OFF-CRITICAL INTERFACES"**

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1) **"2D growth processes: SLE and Loewner chains"**

M. Bauer and D. Bernard
Physics Reports, 432 (2006) 115-221
arXiv/math-ph/0602049
<http://fr.arxiv.org/abs/math-ph/0602049>

2) **"LERW as an example of off-critical SLEs"**

M. Bauer, D. Bernard and K. Kytola
J. Stat. Phys. (2008)
<http://www.springerlink.com/content/u16nx00vxw6v4713/>
arXiv:0712.1952
<http://fr.arxiv.org/abs/0712.1952>

3) **"Conditioning SLEs and loop erased random walks"**

M. Bauer, D. Bernard and T. Kennedy
arXiv:0806.2246
<http://fr.arxiv.org/abs/0806.2246>