Mobile Arabic- Practical Considerations
Dr. Yahya Al-Salqan
Jaffa.Net Software and Communications

In the new era of computing and telecommunication, mobiles, smart devices and applications are most dominant and mostly adopted by young generations. The Arabic speaking nations come at no exception. Classical Arabic language problems and challenges however are far less complicated than its mobile counterparts. Young generations often do not write in classical Arabic if they even write Arabic text. Transliteration is commonly used and even "new letters" are emerging (2, 3, 7, 5), so instead of writing السلام عليكم one may write it as: Assalam Alaykom, Asalam 3alaykom, 2ssalam 3alaikom, 2salam 3laukom, etc. So weather one is writing word recognition, searching applications or algorithms, spelling, etc., faces a greater challenge. The smaller size footprint and computation limitations of mobile devices exasperate the problem. In this presentation, I will discuss these challenges from practical considerations and perspectives.