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IACESA INTERNATIONAL CONFERENCE
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Essentials for learning and life...

Language...Thinking...Diversity...

IACESA Conference Key Note Address



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Homo Contextus: Neuroplasticity in the Digital Era

The explosive growth of social media, smartphones and digital devices is transforming our lives. Even young children are migrating online, using tablets and smartphones, and are downloading apps. The impact of heavy media and technology use on children's social, emotional and cognitive development is only beginning to be studied. While the research is still in its early stages, it suggests that information technology and in particular the Internet are changing how our brains work especially in the dorsolateral prefrontal cortex, rostral anterior cingulate cortex, supplementary motor area, hippocampus and parts of the cerebellum. Our new world of digital immersion and "multitasking" has thus affected virtually everything from our thought processes and work habits to our capacity for linear thinking, attention span, short-term memory, decision-making ability, and how we feel about ourselves, our friends and even strangers.

This presentation will discuss the effect of the digital era on the brain and cognition and whether these changes are positive or negative.

For more information about the conference and registration visit www.iacesa.co.za