Contents

Ι	Regular submissions	7
1	A SSVEP-Focus based hybrid Brain Computer Interface Songyang An Wenbo Ge Kiran Atal. and Sheng Quan Xie	9
2	Towards a Brain-Controlled Wheelchair by discrimination of two mental states RICARDO RON-ANGEVIN. FRANCISCO VELASCO-ÁLVAREZ ÁLVARO FERNÁNDEZ-RODRÍGUEZ ANTONIO DÍAZ-ESTRELLA. AND FRANCISCO JAVIER VIZCAÍNO MARTÍN	21
3	The hybrid BCI: Closing the Performance Gap between Standard Input Devices and the BCI CHRIS BRENNAN PAUL MCCULLAGH. LEO GALWAY AND GAYE LIGHTBODY	37
4	How many targets can be used in a SSVEP-based BCI-system? FELIX GENIBLER PIOTR STAWICKI AND IVAN VOLOSYAK	53
5	Impact of Age on SSVEP-based BCIs PIOTR STAWICKI FELIX GEMBLER AND IVAN VOLOSYAK	63
6	Complex auditory stimuli as probes for distinguishing states of consciousness - towards an inexpensive, long-term EEG monitoring system URSZULA GÓRSKA TANSU CELIKEL AND BERNHARD ENGLITZ	73
II	Student submissions	89
7	Comparison between LCD screens and LED stimulation for SSVEP based BCI systems $_{\mbox{\scriptsize PAUL FANEN WUNDU}}$	91
8	Information Transfer Rate Differences in SSVEP BCI: Alphabetical and Keyboard Layouts in a GUI FRANCISCO NUNEZ, FELIX GEMBLER. AND PIOTR STAWICKI	01
\mathbf{A}_{1}	uthor Index	11