28 JANUARY 2014

08h00 EXECUTIVE BREAKFAST
10h00 Registration
11h00 Conference opening
11h30 Keynote 1 Prof. Sid Dekker

11h Parallel

11h30 Preven Naidoo (001) - South African airline pilot’s perceptions of automation
Dhanashree Pillay (037) - The effects of aircraft noise on families who reside proximal to an airport, a preliminary study
Victor de Andrade & Cara Hollander (039) - The effects of aircraft noise on the auditory language processing abilities of English First Language primary school learners

12h30 Lunch

13h00 Brenton Hayward (030) - Faking CRM: “talking the walk”
Kirsten Huysamen & Matthias Goebel (005) - Determining whether heart rate variability indicates cognitive workload and cognitive demand required for human information processing
Craig Donald & Jeff Corkill (020) - Implications of visual analysis skills for the use of an integrated airport security strategy using multiple imaging technologies

13h30 Parallel

14h00 Michael Bowyer (015) - Automation airmanship
Matita Tshabalala (013) - Occupational stress and coping resources in air traffic control
Keziah Ogutu - Human Factors in air traffic control - case study of AFI region

14h30 Tea

15h30 Tea

16h00 Kevin Ewels (026) - African Region (AFI) Reduced Vertical Separation Minumum (RVSM) risk attributed to human factors
16h30
17h00

18h00 GALA DINNER
29 JANUARY 2014
08h00  Registration
08h30  Aeromedical Psychology Forum - Launch

09h30  Parallel
Wendy Santilhano (010) - Mayday SA: towards a model of peer support in aviation in South Africa
Johan Coetzee (003) - Inadequate aviator medical examination: the case for mental health assessment

10h00  Johan Erasmus (038) - The ‘monster’ within aviation psychology: aviation medical psychology a threat or monster slayer?
Thabani Nkwanyana (011) - acceptable aeromedical risk for pilots

10h30  Tea

11h00  Trang Dao (017) - Psychiatric issues in aviation: treatment and regulation strategies.
Jurgen Seifert (004) - Enhancing pilot wellness and situational awareness: safety through coaching

11h30  Julie van der Meulen (007) - The impact of 2D and 3D displays on situation awareness in command and control

12h00  Lunch
12h30  Lunch

13h15  Keynote 2
Prof. Don Harris - Promoting distributed cognition on the flight deck

14h15  Poster session
Olaniyan Samuel (006) - Situation awareness measurement: Current trends
Andrew Nabarro (032) - Human factors impacts of modern Air Traffic Management system

Nondyebo Simphamla (023) - Safety from a training perspective
John Kagoro (034) - Link between availability of appropriately trained and experienced Air Navigation Services (ANS) staff and rate of ANS-related air safety occurrences

Lumka Maneli (027) - Aeromedical accident investigation challenges in South Africa
Neville Gleson (P1) - Human factors and technical services to ATNS

Jannie Stander (028) - Aeronautical meteorological personnel competencies

15h15  Tea
Emmerson Allen et al (024) - Simulator-based pilot training effectiveness: a theoretical discussion of implications for safety in New York and Tanzania

15h45
Jono Davy & Matthias Goebel (036) - Napping and a staggered, “tag-team” shift system design as a means of combating the difficulties associated with working the night shift

16h15

Keziah Ogutu (021) - Fatigue and shiftwork

16h45
30 JANUARY 2014

08h00  Registration

08h30  Keynote 3  Dr Nicklas Dahlstrom

Parallel

08h30  Michael Bowyer (016) - The Comair CRM big picture

09h30  Emmerson Allen et al (025) - Implications for Effectiveness of Pilot Training from a Simulator-Based Program

10h00  Tea

10h30  Jean-Jacques Speyer (002) - Operators’ guidance to human factors in aviation: the tool’s structure and the case for situational examples

11h00  Mohammed Karimbocus (012) - Managing safety: the human perspective

11h30  Pieter du Toit (019) - Integrated Electronic Safety Management System (IE-SMS)

12h00  Lunch

12h30  Preven Naidoo, Pieter Schaap & Leo Vermeulen (008) - The development of a measure to assess perceptions of the advanced aircraft training climate

13h15  Gaborekwe Khambule & Rudani Malala (029) - Improved weather forecast in support of flight safety through reduced human factors and increased efficiency

13h45  Jaco van der Westhuizen (009) - Critical incidents underreporting as a social construct in a complex socio-technical environment

14h15  Jean-Philippe Pinheiro (031) - Human Factors: integration in Thales design approach

14h45  Closing remarks

15h15  Tea

15h45  Tea

Parallel

Albert Taylor (033) - Unorthodox human factors: the socioeconomic, political, cultural and community impact on safety in developing aviation nations

Bev Slater (010) - Task engagement and flow in the operational safety of South African civil air traffic controllers: review of safety incident reports

Workshop

Prof. Hugo Latiche