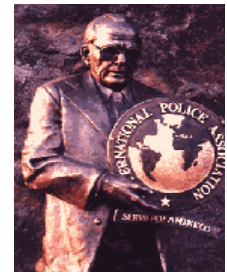




International Police Association

Professional Commission



Arthur Troop Scholarship 2016 REPORT

Name of Scholar: Mondray van Eck

IPA Section: South Africa

Course attended: Understanding Cyber Crime 2016, IBZ Gimborn



I have been a member of the IPA since 1996. Employed as Warrant-Officer in the Police, stationed at Detectives, George, Southern Cape, South Africa.

In 2015 I applied and was privileged to be awarded an Arthur Troop Scholarship. I was ecstatic to be given this opportunity. I decided on the Cyber Crime Seminar, Gimborn, Germany. I chose this Seminar because of the rise in Cyber Crime in my Country.

On Saturday 25 June I flew from my home in George, via Johannesburg to Frankfurt. On Sunday 26 June I arrived and took the train to Cologne. I was amazed by the beautiful green countryside during my train journey. Due to traffic, I was not picked up at McDonalds at the time given and I got

worried. I had difficulty phoning Gimborn and walked to the Police Officers working at the train station. I spoke to a very kind and professional Captain, who immediately phoned Petra. He chose to stay and chat with me until the transport arrived.

On arrival I was astonished by the Castle and surrounding buildings, as if from a story book. Attendees from Britain, Ireland, Sri Lanka and Germany were met and given rooms in the majestic Castle. We were told not to leave the Castle, as a parade would be held in front by the local Shooting Club. They were hosting a festival on the premises. We were “forced” to wait it out in the Turmbar and get to know each other. Later that evening we visited the festival to buy dinner and were invited to join the festivities. We were not dressed in uniform and attire as the members, but were met with open arms. New friends were met and cultures discussed during conversation.

On Monday 27 June more attendees from Germany and Cyprus were met at the start of the Seminar, which was Chaired by Peter Nevels. Cem Karakaya, previously from Interpol, was the first lecturer and discussed competences in handling new media, smartphones and apps, browser-fingerprinting, big data, recent methods of hackers, the NSA affair and digital heritage.

On Tuesday 28 June Cem Karakaya continued his lecture with identity theft on the internet, social engineering in digital media and digital espionage in the economic world.

In the afternoon, Madeline Cheah from Coventry University started her lecture in automotive cyber security, state of the art attack and defence and the implications for police professionals.

On Wednesday 29 June Madeline Cheah continued her lecture with cyber warfare, broadening the perspective, including discussion of APTs and dangers to national infrastructure now and in the future. Very interesting examples were given: Sending 830 volts through an App on your phone to give someone else up to 50ft away a heart attack, copying a person’s computer screen up to 30ft away through brick walls.

In the afternoon, Sean Hannigan from Leicestershire Police started his tremendous lecture in police responses to cyber stalking, cyber bullying and misuse of social media in the 10 to 18 year-old student, the Bosworth programme, an innovative solution to social media education and prevention of social media crime. He gave a brilliant example of outstanding work he had done over 2 years in a local school from his precinct.

Later in the afternoon on Wednesday, we were taken to Cologne for sightseeing. We visited the Cathedral, walked next to the Rhine River and had dinner in a famous Restaurant. It was spectacular.





On Thursday 30 June, Reinhold Jank from Austria, gave an exceptional lecture and demonstrations on opportunities to carry out criminal investigation in digital media, hints for the first contact in a police investigation procedure, cyber mafia, strategies of perpetrators and business concepts. He gave attendees appropriate examples and websites for searches for future investigation purposes.

On Friday 1 July, Mike Hess from Switzerland discussed the problems of mobile telephone forensics, securing evidence material and practical case study. He gave fantastic practical demonstrations and tools needed for analysing phones.

On Friday afternoon it was time to say goodbye. Badges, pins and contact numbers were exchanged with wonderful friends. We were transported back to Cologne station and sadly went our separate ways. I travelled together with Sean Hannigan to Frankfurt by train. With the permission of his lovely wife, he gave me a place to stay for the night and took me sightseeing in Frankfurt the next day, before my flight back to South Africa.

I would like to thank Arthur Troop Scholarship for the experience of a lifetime, as well as IPA South Africa and President Vos. The professional manner in which the seminar was conducted, and especially the hospitality of Gimborn and the German People. I have not been in such an exquisite institution in my 22 years of service.

IPA Greetings

Mondray van Eck

Chairman

Garden Route Section

South Africa