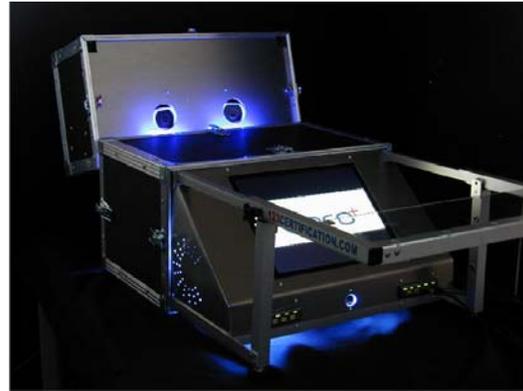




**PRESS RELEASE**  
**Montreal, July 24th 2007**

**123 Certification at the 60th Annual  
Assembly and International Conference  
of International Institute of Welding 2007**

In July 123 Certification took part in the Conference of International Institute of Welding 2007. The president and founder, M. Claude Choquet gave a speech about the «Case study of a dexterity online platform applied to manual welder skills development» that attracted a lot of attention. This conference took place in Croatia from July 1st to July 8th and invited experts from more than fifty countries all members of the IIW.



**1. ARC+ Simulator: [www.123arc.com](http://www.123arc.com)**

123 Certification Inc. is a Montreal based company that developed an innovative solution to help build welding workforce in the most simple way. The solution lies in the virtual reality technology, which has been fully tested since the early 90's. President and founder of 123 Certification Inc., M. Claude Choquet, acts as a bridge between the welding and the programming world. He is working in this field for more than 18 years. He filed more than 12 patents world-wide for gesture control platform with all kind of leading edge hardware's. In summer 2006 he was proud to be invited at the annual IIW International Welding Congress in Quebec City to launch the ARC+ welding simulator. A 100% virtual reality system and web based training center has been created to simulate multiprocesses, multimaterials, multipositions and multipasses welding. The simulator is intended to train welding apprentices in schools or in industries. The welding simulator is composed of a real welding gun, a head-mounted display (HMD), a 6 degree of freedom tracking system for the torch and the user's head as well as external audio speakers. Both guns and HMD are interacting online and simultaneously. The welding simulation is based on physic's laws and empirical results from detailed analysis of a series of welding tests based on industrial applications tested over the last 18 years.

Now that the simulator is available, the major goal is to develop larger set of weld sample data to ensure a larger field of transfer technology. For example, all materials, preparations, and geometries will be completed in a near future. The distortion control will be investigated. 123 Certification's aim is to develop a reference tool for beginners, qualified and certified welders, who are interested in maintaining specialized skills or in starting production lots with designed sequence, allowing distortion control. The storage capacity is unlimited. A secured access to a virtual third party witnessing feature will also provide worldwide skills recognition.

Visit our website: [www.123certification.com](http://www.123certification.com)  
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