

Ready for 3D??

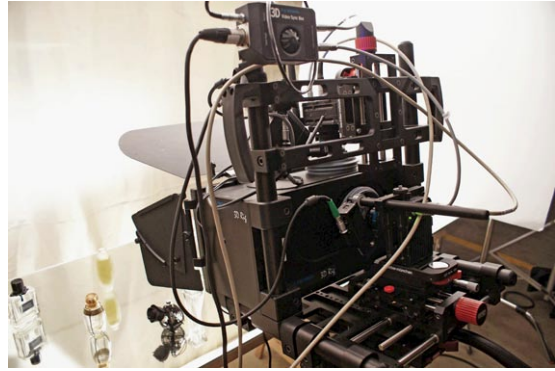
Stereoscopic Workshops

by 3D Consult
Dipl.-Ing. Florian Maier

Workshop 1 ,A Taste of Stereoscopy'

- How about starting a 3D production? -

<i>Topics:</i>	<ul style="list-style-type: none"> ✓ Introduction to 3D ✓ Experiencing a 3D film and learning how it was made ✓ The 3D workflow – an overview ✓ Trying out a professional 3D mirror rig (3D Stereo Rig from P+S Technik)
<i>Duration:</i>	1/2 day
<i>Location:</i>	Studio close to Munich / other location (worldwide)
<i>Charge:</i>	On request (student discount available)
<i>Group size:</i>	Between 10 and 15 persons
<i>Target audience:</i>	Everybody thinking about starting a 3D production
<i>What am I going to learn?</i>	You'll get a first impression about stereoscopic film production. You'll learn what it means to shoot and produce in 3D. This taster session is for people who are interested in 3D but haven't yet decided to start. After the workshop you should be able to answer the question ,How about starting a 3D production?':



Workshop 2 ,Hands on 3D Rig'

- Handling a 3D rig -

<i>Topics:</i>	<ul style="list-style-type: none"> ✓ Handling the professional 3D Stereo Rig from P+S Technik (setting up and calibrating the rig, setting up and synchronizing cameras, setting up 3D parameters on the rig, 3D rig motorisation, modularity...)
<i>Duration:</i>	1 day
<i>Location:</i>	Studio close to Munich / other location (worldwide)
<i>Charge:</i>	On request (student discount available)
<i>Group size:</i>	Between 4 and 8 persons
<i>Target audience:</i>	DoPs, camera assistants, rental staff
<i>What am I going to learn?</i>	You'll learn in detail how to handle/operate a 3D rig. This workshop is aimed at people having to set up or work with the hardware ,3D rig'. This can be camera assistants, rental staff, or DoPs who already know how to shoot 3D but need to be introduced to the hardware ,3D rig'. If you'd like to know more about shooting good 3D and how 3D works, we recommend the workshops ,3D Operator' or ,Stereoscopic Film Production'.

Workshop 3 ,3D Operator‘

- Shooting good 3D -

<i>Topics:</i>	<ul style="list-style-type: none">✓ Detailed expertise about 3D (principle of stereoscopic vision, physiological limits, 3D recording techniques, 3D postproduction techniques, 3D displaying techniques)✓ Handling of the 3D rig from P+S Technik (setting up and calibrating a rig, setting up and synchronizing cameras, setting up 3D parameters on the rig, 3D rig motorisation, modularity...)✓ How to shoot good 3D with the 3D rig (shooting with different 3D parameters)
<i>Duration:</i>	2 days
<i>Location:</i>	Studio close to Munich / other location (worldwide)
<i>Charge:</i>	On request (student discount available)
<i>Group size:</i>	Between 3 and 6 persons
<i>Target audience:</i>	DoPs, camera assistants, rental staff
<i>What am I going to learn?</i>	You'll learn in detail how 3D works and how to shoot good 3D without putting a strain on the viewer's eye. You'll learn how to operate the 3D rig and how to influence the 3D effect by means of the 3D rig. This workshop aims at people who would like to get 3D recording expertise.



Workshop 4 ,Stereoscopic Film Production‘

- Producing a 3D film – from recording to displaying -

<i>Topics:</i>	<ul style="list-style-type: none">✓ Detailed expertise about 3D (principle of stereoscopic vision, physiological limits, 3D recording techniques, 3D postproduction techniques, 3D projecting and displaying techniques)✓ Handling of the 3D rig from P+S Technik (setting up and calibrating a rig, setting up and synchronizing cameras, setting up 3D parameters on the rig, 3D rig motorisation, modularity...)✓ How to shoot good 3D with the 3D rig (shooting with different 3D parameters)✓ Stereoscopic Post Production (expertise about editing, synchronisation in post, color matching, calibration in post, working on the test material shot the day before)
<i>Duration:</i>	3 days
<i>Location:</i>	Studio close to Munich / other location (worldwide)
<i>Charge:</i>	On request (student discount available)
<i>Group size:</i>	Between 3 and 6 persons
<i>Target audience:</i>	Producers, DoPs, camera assistants
<i>What am I going to learn?</i>	You'll learn about the whole 3D workflow in general from recording to post production and displaying the material. You'll learn how 3D works and how good 3D is made. You'll learn how a 3D rig is operated and the most important facts that make 3D postproduction stand out from normal 2D postproduction. This workshop aims at people who would like to learn the most important facts about the whole stereoscopic film production chain. This can be producers, DoPs or camera assistants.



Workshop Education

- What am I going to get? -

You'll learn how to shoot 3D on the new 3D Stereo Rig from P+S Technik. The workshops will be held in a fully equipped studio (with complete lighting, 3D projection, 3D monitor) next to Munich. The 2 and 3 day courses include a dinner for networking. You'll leave the 3D workshops 'Hands on 3D Rig', '3D Operator', and 'Stereoscopic Filmproduction' with a certificate.

⇒ For dates and charges please refer to www.3d-consult.eu

About 3D Consult

- Dipl.-Ing. Florian Maier -



For more than 10 years, Florian MAIER (born 1978) has been working in the field of 3D. Along with his studies, he ran his own video production company (BLUE FRAMES media; founded in 1997) and specialized in 3D photography and 3D video. He developed some new 3D recording devices and holds several patents. After finishing his studies as an Engineer of Media technology, he continued working as a 3D consultant, e. g. in research projects at the German Aerospace Centre DLR. In 2007, he started developing the 3D Stereo Rig for P+S-Technik. Additionally, he is involved in a couple of research projects on 3D. One of these is about research on human factors to provide the best technical solutions possible for a 3D impression without 3D sickness. As a result of the studies 3D Consult will provide software solutions (Stereoscopic Calculator) and other tools for stereoscopic recording in the near future.

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