



Introduction to Houdini

»Introduction to Houdini« is aimed at visual artists who have none to beginner level knowledge of Houdini and want to understand, in a structured way, how to start learning this powerful system. The course is run over one week and gives the participants a deep understanding of core concepts required to effectively work with FX in Houdini.

After finishing this module, the participants should:

have a thorough understanding of node based, non-destructive workflow // have a basic understanding of the core skills of computer graphics, mathematics and programming required for working in Houdini // know industry standard »good-practices« for working in Houdini // have a good understanding of Houdini's core architecture and contexts // be able to navigate freely in the UI and know the various tools and windows available // be able to carry out basic tasks like modelling, unwrapping, animating, lighting etc. in Houdini // understand procedural modelling system // understand what is a Digital Asset. Should be able to install and uninstall external assets // be able to make own Digital Assets // be able to design a robust user interface for the Digital Asset // understand the basics of simulation in Houdini // be able to do a simple destruction shot using a proper production pipeline // be able to light and render their work in Mantra

Software: Houdini 16 (Apprentice version of Houdini is available for free download from the sideFX website.)

Lecturer Suryanshu Rai

Suryanshu Rai is an alumnus of the NCCA Bournemouth University in Computer Visualization and Animation. He is CEO of the media production house »Blake & Code« specialized in VFX, motion graphics and animation. For six years he has been an expert in Houdini and Maya and teaches at the ifs as a guest lecturer.

>> Contact

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introduction to houdini

Dates

February 28 – March 4, 2018
(5 days / 10 a.m. – 6 p.m.)

Application Deadline

February 7, 2018
Early Bird Deadline: Application by January 26, 2018

Prerequisites

Applicants for the course must have a good understanding of general computer graphics concepts. This class is not for complete beginners. A minimum experience of one year of working in another 3D application like Autodesk Maya, Blender, Cinema 4D etc. is required.

Software: Houdini 16. Apprentice version of Houdini is available for free download from the sideFX website.

Language: The workshop will be held in English.

Application Documents

- **Application Form and Obligatory Declaration of the Applicant**
(fully and correctly completed and signed)
- **Proof about proficiency in 3D**
The participant must prove proficiency in 3D with a portfolio or a showreel.

Number of Participants

max. 10
On a first come, first served basis

Fee

550 euros
Early Bird Price / Alumni: 500 euros

Financial Support

Participants may be eligible to obtain financial support to cover the program fee through the following measure:

- The Grant Voucher of the Continuing Education Grant is funded by the German Federal Ministry of Education and Research as well as the European Social Fund of the European Union. Please note that the Grant Voucher must be available at the time of invoicing. You can find more information at www.bildungspraemie.info
- Bildungsscheck of the State of NRW
Please note that the Bildungsscheck must be submitted with the application. You can find more information at www.bildungsscheck.nrw.de

>> ifs Further Education Camp: Workshop Week for Media Professionals

In the Further Education Camps, the ifs internationale filmschule offers film and media professionals in-depth workshops and lectures from several film departments, covering relevant specific topics. The Further Education Camp 2018 program consists of a variety of offers on VFX, acting, editing, costume design, and a seminar about female characters in film. The Camp 2018 takes place from February 27 to March 4, 2018.

The complete program for the Further Education Camp is available at:

www.filmschule.de/weiterbildung

Application Form

Please send the application form to the address above.

I hereby apply for admission to the following workshop of the ifs Further Education Camp 2018:

Introduction to Houdini (28.02.–04.03.)

Address and Personal Information (Please print clearly in capitals)

First Name

Surname

Date of Birth

Place of Birth

Billing Address:

Street / No.

Postal Code / City

E-Mail

Phone Number / Mobile Phone Number

Where did you first hear about the ifs / the ifs Further Education Camp 2018?

- I hereby authorize the ifs internationale filmschule köln gmbh to send me information via email or post about future study and further education programs as well other activities of the ifs internationale filmschule köln gmbh. I also agree that the aforementioned personal data may be processed and used for such purposes also after the end of the workshop. I can revoke this consent at any time without any reason and without reprisal. The ifs internationale filmschule köln gmbh guarantees that it will safeguard data privacy without any restriction and that my personal data will not be transmitted to any third parties.

Obligation Declaration of the Applicant

I hereby declare that in case I am admitted to the ifs Further Education Camp my participation in the program shall be subject to the »General Conditions for Study Programs and Further Education Programs at ifs internationale filmschule köln gmbh included with this Obligation Declaration. **The participation fee is due with registration for each workshop and invoicing by the ifs internationale filmschule köln gmbh.** I hereby undertake to pay a cancellation processing fee – up to 15 days prior to the event: no charge; 14-8 days before the event 20% of participation fee; 7-3 days before the event 50% of participation fee; 1-2 days before the event 100% of participation fee – should I decide not to participate in the ifs Further Education Camp 2018 after having been accepted.

I am aware that this Obligation Declaration does not in any way entitle me to participate in the ifs Further Education Camp.

I confirm that I have read and understood the information and instructions regarding the application procedure and requirements. I confirm that I have also read and understood the above-mentioned conditions for participation and the »General Conditions for Study Programs and Further Education Programs at ifs internationale filmschule köln gmbh« included with this Obligation Declaration, and I fully accept them and agree to abide by them.

I further declare that I agree that my application documents will not be returned to me and that they will be destroyed after completion of the application assessment procedure. The ifs internationale filmschule köln gmbh reserves the right to archive one copy of the application form for its records.

Place / Date

Signature

General Conditions for Study Programs and Further Education Programs at ifs internationale filmschule köln gmbh

1 Scope

The "ifs internationale filmschule köln gmbh" (hereinafter referred to as "ifs") provides young filmmakers with initial and further training for the film and television industry. For this purpose ifs offers workshops, study programs, and other further education programs (hereafter referred to as "Program" or "Programs").

These "General Conditions for Study Programs and Further Education Programs at ifs internationale filmschule köln gmbh" (hereafter referred to as "General Conditions") regulate the relation between ifs and the participants and students of the Programs (hereinafter referred to as "Participant/Student" or "Participants/Students"). The General Conditions shall apply in the version valid at the time of conclusion of the contract between ifs and the Participant/Student (hereinafter referred to as "Contract"). Any deviating provision shall only be deemed valid, if ifs has expressly agreed in writing. This also applies to any waiver of this written form requirement.

In cases of any inconsistency between the Contract and these General Conditions, the regulations stipulated in the Contract shall prevail.

2 General Provisions

2.1 Contract Period/Contents

2.1.1 The duration of the contract shall be determined by the Contract between the Participant/Student and ifs.

2.1.2 ifs represented by its managing directors or representatives appointed by the managing directors, shall lay down program times, submission deadlines and other terms that shall be binding for the Participant/Student and shall notify the Participant/Student thereof in writing in a timely manner. The outline, structure and contents of the Programs shall be specified in the program description, which the Participant/Student shall receive at the start of the Program.

2.1.3 All stated contract times and deadlines by ifs shall be binding on the Participant/Student. The attendance of the Participant/Student is compulsory. In rare cases this duty of compulsory attendance includes classes on weekends (Saturday and Sunday) and public holidays. Any unjustified absence, even if only temporary, shall entitle ifs after admonishing the Participant/Student to declare extraordinary termination of the Contract.

2.1.4 In case of failure to comply with the defined submission deadlines and other contract times without excuse or in the event of other absence without excuse or approval ifs is entitled to extraordinary termination of the Contract. In the event of repeated non-compliance, ifs shall also be entitled to declare extraordinary termination of the Contract without warning and without notice period.

2.2 Inability to Attend

2.2.1 The Participant/Student must obtain the prior consent of ifs for any absence – even if only temporarily – and for the anticipated duration of the same. If the Participant/Student is absent due to illness, Participant/Student must notify ifs immediately on the day of absence. In case of longer absences due to illness, the Participant/Student must submit a medical certificate indicating the anticipated duration of the illness, no later than the end of the third calendar day after the period of absence has begun. Should the illness last longer than indicated in the medical certificate, further medical certificate must be submitted within three days of the date the Participant/Student was initially supposed to return. In all cases of absence the Participant/Student is responsible to catch up its omissions.

2.2.2 If a medical certificate has not been submitted within 14 days after the beginning of a Participant's/Student's absence, the absence will be considered unexcused.

2.3 Press and Public Relations Work, Naming, Data Protection, Confidentiality, Development of Topics

2.3.1 The ifs shall be entitled to distribute and make available to the public images/photos of the Participant/Student in its own publications and/or on web pages of the ifs (incl. ifs facebook web page), as long as no conflicting legitimate interests of the Participant/Student exist. The aforementioned applies to such images/photos, which have been taken during ifs events and/or during the Program and/or to images/photos which have been provided by the Participant/Student, and also after termination of the contractual relationship between ifs and the Participant/Student.

At the specific request of ifs, the Participant/Student shall be available to a reasonable extent for press conferences and other public relations appointments.

2.3.2 The Participant/Student and ifs mutually empower each other to quote the name of the other party even after termination of the Program for their own advertising purposes. There is no obligation in this respect. This naming empowerment may be cancelled without giving any reasons.

2.3.3 The ifs is only entitled to store, process or communicate to other Participants/Students of the Programs, lecturers, or staff of the ifs the personal data of the Participant/Student (e.g. name, address, telephone and fax numbers, e-mail address, date of birth, academic degree and area of study), as long there is a direct context with the participation of the Participant/Student in the Program.

2.3.4 During the duration of the Contract and also after expiry thereof the Participant/Student undertakes to observe strict confidentiality concerning any business and corporate secrets of the ifs that may become known to the Participant/Student.

2.3.5 For reasons of clarification, ifs emphasizes that topics developed by the Participants/Students in the course of the Programs, which are below the status of a work as per section 2 of the German Copyright Act are not protected by copyright. Therefore, ifs is not liable for other Participants/Students and/or other persons involved in the Program and/or third parties seizing and developing these topics. Thus, it cannot be excluded that it comes to doubling of topics.

2.4 Attendance Fee/Tuition Fee

The attendance fee/tuition fee is laid down in the Contract and must be paid after receipt of the invoice into the bank account specified in the invoice. The ifs is entitled to exclude a Participant/Student from the Program until complete payment of the attendance fee/tuition fee, or to terminate the Contract extraordinarily after expiry of the payment deadline, thereby enabling third parties to participate in the Program.

2.5 Cancellation of the Program

2.5.1 If the Program fails to take place completely or in parts, a proportionate refund of the attendance fee/tuition fee shall only be made by ifs, if ifs is responsible for the full or partial cancellation of the Program. The ifs shall only be liable for deliberate intent or gross negligence.

2.5.2 In the event of partial or predominant absence of a Participant/Student, in particular, if the Participant/Student is responsible for such absence, a refund of the attendance fee/tuition fee is excluded. The ifs may in individual cases decide otherwise at its own discretion, the Participant/Student has no claim to such exemption.

2.6 Production

All productions carried out with the support of ifs are to follow the production guidelines handed out to the Participants/Students at the beginning of the Program.

2.7 Contract Termination

2.7.1 Notwithstanding the extraordinary termination right, the Contract shall terminate upon completion of the Program without requiring further declaration.

2.7.2 Each party has the right to terminate the contractual relationship extraordinarily without notice for a compelling reason. In particular, in those cases when a Participant/Student is unable to complete the Program due to grave personal reasons, the Participant/Student has the right of extraordinary termination. The ifs has right of extraordinary termination, in particular, in cases of sections 2.1.3, 2.1.4 and 2.4 and with regard to Programs that are study programs in cases of section 3.5. The termination requires the written form.

2.7.3 All Programs that are workshops and further education programs are excluded from ordinary termination. For all Programs that are bachelor and master study programs section 3.5 applies.

2.8 Property/Liability

2.8.1 All teaching materials and other documents made available to the Participants/Students by ifs shall remain property of ifs. The Participants/Students shall take due care of the teaching materials etc. and shall return them immediately and to its full extent to ifs upon request or at the latest after termination of the Contract.

2.8.2 The ifs shall only be liable for damage and loss of objects owned by the Participant/Student or which have been in the possession of the Participant/Student, if ifs acted grossly negligent or deliberately.

3 Special Conditions for Study Programs

3.1 The provisions of this section apply exclusively to all Programs which are bachelor and master study programs at ifs (hereinafter referred to as "Study Program" or "Study Programs").

3.2 The Student must take intermediate exams during the Study Program and final exams at the end of the Study Program. Scope and process of these exams are laid down in detail in the ifs examination regulations. The Student must pass the intermediate exams to continue with the rest of the Study Program.

3.3 The tuition fee must be paid at the beginning of each semester of the Study Program after receipt of an invoice.

3.4 Records of attendance may be set out for courses of the Study Programs. They can be found in the current course directory. Determined times and deadlines are binding for Students.

3.5 Notwithstanding the right of extraordinary termination as per section 2.7.2 both parties are entitled to terminate the Contract at the end of each semester with a notice period of one month in advance. The termination must be in writing and must indicate the reasons for the termination. Thereby the parties have to orientate on section 51 of the Higher Education Act of North Rhine-Westphalia.

In addition to the examples for reasons of extraordinary termination listed in section 2.7.2, ifs is particularly entitled to declare extraordinary termination of the Contract after admonishing the Student, if the continuation of the Study Program is infeasible for ifs due to a repeated failure of the Student. In particular, the continuation of the Study Program is infeasible for ifs, if the current achievements of the Student do not allow an expectation of successful participation in the Study Program any longer as a result of a repeated breach of Student's duties arising from the Contract. If a Student decides to terminate the Study Program before the end of the current semester, ifs decides at its own discretion about a proportionate refund of the tuition fee for the current semester.

4 Final Provisions

4.1 If any individual provisions of these General Conditions and/or of the Contract are or become null or invalid or contain errors of form or omissions, the validity of the remainder of these General Conditions and of the Contract shall not be affected thereof.

4.2 The contractual relations between the parties shall be governed by German law. Insofar as legally permissible, the parties hereby agree that Cologne shall be the exclusive place of performance and jurisdiction for all disputes arising from these general conditions and/or the Contract.

Date: 20 May 2014