

ZÜRICH May 2025

SOL(AR) ARCHITECTURE

Essentials

Get inspired
by our course
to make solar buildings!

DAY 1
Introduction to Solar Architecture
at Fernfachhochschule
DAY 2
Case Study Building tour
with Viridén+Partner and Sunage
DAY 3
Company Atelier
3S Swiss Solar Solutions



21
22
23/05
2025

21,22,23
MAY

AGENDA

SPEAKERS:

Day 1: Introduction to Solar Architecture

Pierluigi Bonomo (SUPSI)
Greta Battaglia (SUPSI)
Lena Kern (Swissolar)
Paolo Corti (SUPSI)
Fabio Parolini (SUPSI)
Alberto Follo (SUPSI)

Day 2: Building tour to two Case Studies

Pierluigi Bonomo (SUPSI)
Greta Battaglia (SUPSI)
Karl Viriden (Viridén+Partner)
Sunage

Day 3: Workshop at 3S Swiss Solar Solutions

Pierluigi Bonomo (SUPSI)
Greta Battaglia (SUPSI)
Heinz Friedli (3S)
Alain Rickli(3S)
Alexander Kunz (3S)
Pascal Müller (3S)

WHERE?

DAY 1-2

Fernfachhochschule
(FFHS) Campus Zürich
Zollstrasse 1, 8005 Zürich

DAY 3

3S SWISS SOLAR
SOLUTIONS
Rütimoosstrasse 5, 3076
Worb

DAY 2

08:45 – 09:00

Welcome and brief introduction to the day

09:00 – 10:00

Case study 1: Sunage
Break

10:15 - 11:15

Case study 2: Viridén+Partner

11:15 – 12:00

Activity! Case Study Mapping her materials, challenge in building process

Lunch

13:30 – 14:00

Building tour: Apartment building on Hofwiesen and Rothstrasse

15:15 – 16:15

Building tour: Dorflistrasse 11

DAY 1

08:30 – 9:10

Welcome, course introduction

09:10 – 09:45

Swissolar: overview of the Swiss Solar Market and industry outlook

09:45 – 10:15

BIPV and Architecture:
solararchitecture.ch case studies

Break

10:30 – 11:30

Solar Technology Fundamentals: principles of photovoltaics cells& modules, BIPV design essentials

11:30 – 12:30

Design and modeling: processes and workflows for solar potential analysis and BIM-based modelling

Lunch

13:30 – 14:00

Activity! Strengths and Challenges of BIPV

14:00 – 14:45

Quality and product certifications: analysis of technical requirements and current regulations

Break

15:00 – 15:30

Market Status, process challenges & Cost-effectiveness: competitiveness of investments and life-cycle costs

15:30 –16:00

Building as part of a community: ZEV, Vzev, LEG

16:00 –16:15

Activity! Quiz

DAY 3

10:00 - 10:15

Welcome and brief introduction to the day

10:15 - 10:45

Company intro: History 3S, Cooperation & research partners, products

10:45 - 11:15

Influencing factors in the planning process

Break

11:30 - 12:00

Showroom visit

12:00 – 12:45

Production line tour: factory visit

Lunch

13:45 – 14:15

Easy mounting, easy planning: 3S Designer

14:15 – 15:15

Activity! Atelier with 3S

15:15 – 16:30

Projects: real case studies realised by 3S in Münsingen