

Training in Pediatric Intensive Care  
and Neonatal Echocardiography  
Basic Course



*24 - 26 January 2019, Lausanne, Switzerland*  
[www.tinec.org](http://www.tinec.org)



**FINAL PROGRAM**



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# WELCOMING WORDS

Dear neonatologists and pediatric intensivists,

It is our pleasure to invite you to the 4<sup>th</sup> Basic Course “Training in Pediatric Intensive Care and Neonatal Echocardiography” (TINEC) organized jointly by pediatric cardiologists, intensivists and neonatologists from the University Hospital of Lausanne and Geneva, Switzerland.

The Basic Training course is designed for beginners or practitioners who have already some basic echocardiography training. It will consist of lectures as well as interactive cases and hands-on workshops in small groups and practice on patients and mannequins.

We hope it will be a great opportunity for neonatologists and pediatric intensivists to practice echocardiography skills targeted to their everyday practice and to meet specialists from all different fields.

Warm regards,

## **TINEC 2019**

### **Organising Committee:**

*Prof. Nicole Sekarski*

*Dr Cécile Tissot*

*Dr Marie Hélène Perez*

*Dr Yogen Singh*



# CONFERENCE ORGANISATION

## TINEC 2019 ORGANISING COMMITTEE

Prof. Nicole Sekarski

*Chief Pediatric Cardiology, University Hospital, Lausanne, Switzerland*

Dr Cécile Tissot

*Pediatric Cardiology, Clinique des Grangettes Geneva, Switzerland*

Dr Marie Hélène Perez

*Pediatric Intensivist, University Hospital, Lausanne, Switzerland*

Dr Yogen Singh

*Neonatology / Pediatric Cardiology, Cambridge University Hospital, United Kingdom*

## ORGANISED JOINTLY BY

University Hospitals of Lausanne and Geneva, Switzerland

## EDUCATIONAL CREDITS

The Training in Pediatric Intensive Care and Neonatal Echocardiography, Lausanne, Switzerland, 24/01/2019–26/01/2019 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 14 European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

In order to ensure that the medical specialist has partaken in the course, they will be scanned upon entry to the sessions.

La Société Suisse de médecine intensive SSMI (Schweizerische Gesellschaft für Intensivmedizin SGI) has granted 13 CME credits.

## ADMINISTRATIVE SECRETARIAT

SYMPORG 

Symposium & Conference Organizers

Rue Rousseau 30, CH – 1201 Geneva, Switzerland

Tel: +41 (0)22 839 84 84 – Fax: +41 (0)22 839 84 85

Email: [tinec@symporg.ch](mailto:tinec@symporg.ch)

Website: [www.tinec.org](http://www.tinec.org)

# FACULTY

Prof. Maurice Beghetti

*Pediatric Cardiology, University Hospital of Geneva, Switzerland*

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Dr Stefano Di Bernardo

*Pediatric Cardiology, University Hospital of Lausanne, Switzerland*

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Dr Sébastien Joye

*Neonatologist, Toronto, Canada*

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Dr Marie Hélène Perez

*Pediatric Intensivist, University Hospital, Lausanne, Switzerland*

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Prof. Joan Sanchez de Toledo

*Pediatric Cardiology, Sant Joan de Déu Hospital of Barcelona, Spain*

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Prof. Nicole Sekarski

*Chief Pediatric Cardiology, University Hospital, Lausanne, Switzerland*

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Dr Yogen Singh

*Neonatology / Pediatric Cardiology, Cambridge University Hospital, United Kingdom*

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Dr Zied Merchaoui

*Paris South University Hospital, France*

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Dr Milan Prsa

*Pediatric Cardiology, University Hospital of Lausanne, Switzerland*

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Dr Cécile Tissot

*Pediatric Cardiology, Clinique des Grangettes Geneva, Switzerland*

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Dr Thomas Conlon

*Philadelphia Children's Hospital, Philadelphia, USA*

# SCIENTIFIC AND EDUCATIONAL PROGRAM

THURSDAY, 24 JANUARY 2019

13:00 – 13:45 Registration

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13:45 – 14:00 **Presentation of the course** Auditoire Charlotte-Olivier  
*Nicole Sekarski, Cécile Tissot, Marie-Hélène Perez,  
Yogen Singh*

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**BASICS OF ECHOCARDIOGRAPHY** Auditoire Charlotte-Olivier  
*Moderator: Joan Sanchez de Toledo*

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14:00 – 15:00 **Basics of echocardiography**  
*Nicole Sekarski, Cécile Tissot*

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15:00 – 16:00 **Standard views / Structural measurements**  
*Nicole Sekarski, Cécile Tissot*

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16:00 – 16:15 Coffee break

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16:15 – 16:45 **Evaluation of systolic function**  
*Joan Sanchez de Toledo*

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**PULMONARY HYPERTENSION** Auditoire Charlotte-Olivier  
*Moderator: Thomas Conlon*

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16:45 – 17:15 **Echocardiographic evaluation of pulmonary pressures**  
*Maurice Beghetti*

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17:15 – 18:00 **Case presentation congenital**

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**SEPARATE PROGRAM**

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**NEONATAL PROGRAM**

Auditoire Charlotte-Olivier

*Moderator: Nicole Sekarski*

08:00 – 08:30 **Patent ductus arteriosus / Echocardiographic evaluation**  
*Sébastien Joye*

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08:30 – 09:00 **Transition / Echocardiographic evaluation**  
*Yogen Singh*

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09:00 – 09:30 **Case presentation neonate**

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09:30 – 09:45 Coffee break

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**INTENSIVE CARE PROGRAM**

Auditoire Mathias Mayor

*Moderator: Stefano di Bernardo*

08:00 – 08:30 **Lung ultrasound**  
*Thomas Conlon*

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08:30 – 09:00 **Case presentation ICU**

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09:00 – 09:30 **Effusions / tamponade / thrombus**  
*Milan Prsa*

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09:30 – 09:45 Coffee break

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## JOINT SESSION

Auditoire Charlotte-Olivier

*Moderator: Cécile Tissot*

09:45 – 10:15 **Hemodynamic evaluation by echocardiography**

*Stefano di Bernardo*

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10:15 – 10:45 **Abdominal ultrasound**

*Thomas Conlon*

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10:45 – 11:15 **Line placement**

*Zied Merchaoui*

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11:15 – 12:00 **Case presentation, interesting cases, general**

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12:00 – 13:30 Lunch

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13:30 – 17:00 Hands-on in small groups

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19:00 – 22:30 Conference Dinner

Join us for a wonderful meal and conversation  
at restaurant Tout un Monde

**Buses depart from the CHUV parking at 18:30!**

## SATURDAY, 26 JANUARY 2019

09:00 – 12:00 Hands-on in small groups

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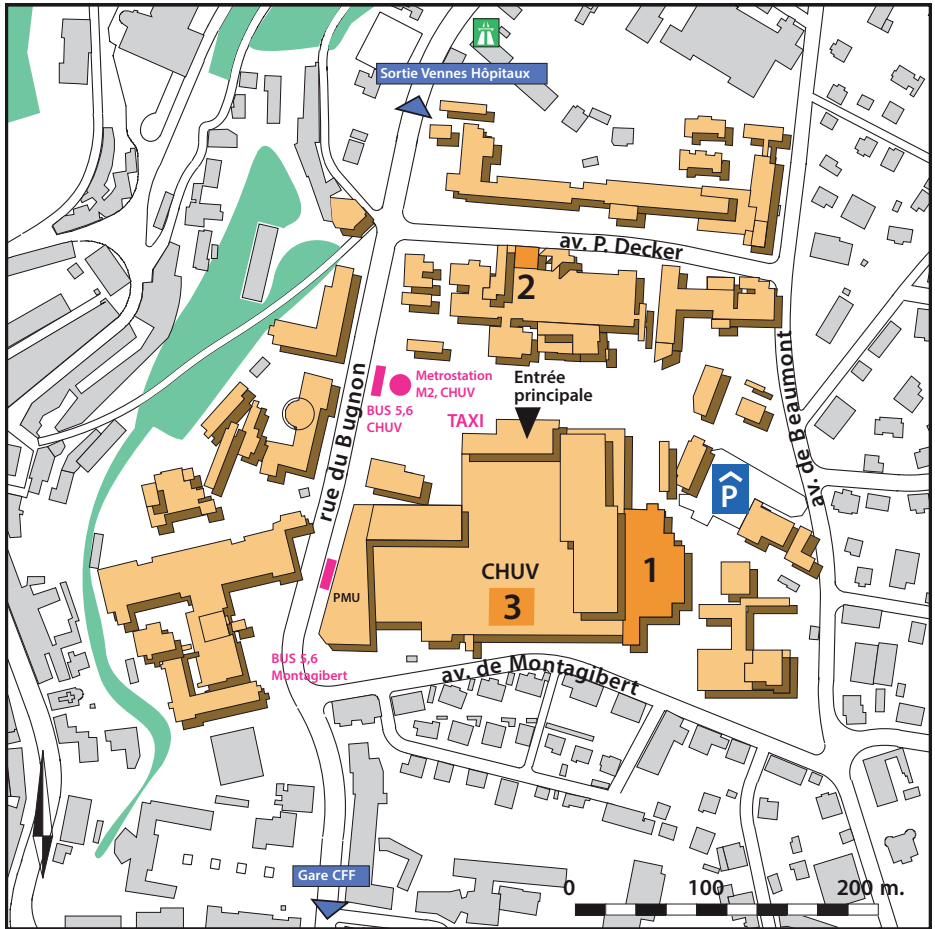
12:00 **Closing remarks**

Auditoire Charlotte-Olivier

*Nicole Sekarski, Cécile Tissot, Yogen Singh,  
Marie-Hélène Perez*



# ROOMS ACCESS MAP



## 1. CHUV: (BH 08)

Rooms: auditoires Charlotte-Olivier  
+ Mathias Mayor

## 2. MATERNITY

## 3. PEDIATRIC CARDIOLOGY

# GENERAL INFORMATION

## VENUE

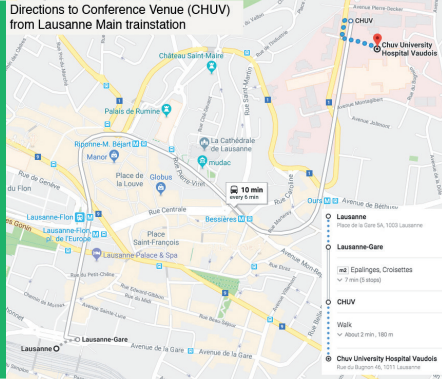
### CHUV

University Hospital of Lausanne  
Rue du Bugnon 21  
1011 Lausanne

## ACCESS

M2 Metro station: CHUV  
Website: [www.chuv.ch](http://www.chuv.ch)

Directions to Conference Venue (CHUV)  
from Lausanne Main trainstation



## REGISTRATION DESK OPENING HOURS

Thursday, 24 January 2019: 13h00-17h00  
Friday, 25 January 2019: 07h30-10h00  
Saturday, 26 January 2019: 08h00-10h00

## OFFICIAL LANGUAGE

English is the official language of the congress. No simultaneous interpretation will be provided.

## WIFI

Please check the registration desk for more information.

## EVALUATION FORM

In order to provide you with meetings of highest possible quality you are kindly requested to complete an evaluation form, which is also a requirement of accreditation by the European Council for Continuing Medical Education (EACCME). You will receive the form at the registration desk when you pick up your badge.

## CERTIFICATE OF ATTENDANCE

The certificate of attendance and the credits will be sent to you after the conference by email. Thank you for your understanding.

# GENERAL CONDITIONS

We would like to bring your attention that the conference rooms have limited capacity. In case of big affluence, only the first registrations will be accepted.

## PRICES

	<b>Early Bird Until 3 December 2018</b>	<b>Late Bird and onsite From 4 December 2018</b>
<b>Participant</b>	CHF 700	CHF 800
<b>ESPNIC / AEPC Member</b>	CHF 450	CHF 550
<b>AEPC Junior Member</b>	CHF 250	CHF 350
<b>Course registration (no hands-on sessions)</b>	CHF 300	CHF 400

The Registration fees include:

- Admission to the scientific sessions including hands-on and sessions
- Scientific materials
- Lunch on Friday
- Coffee breaks

**Conference Dinner tickets:** CHF 70.- / per person (VAT excluded)

## PAYMENT OPTIONS

All payments must be made in CHF (Swiss Francs) and prior to arrival.

## CANCELLATION POLICY

Cancellations will be accepted until November 1, 2018. The full amount will be refunded less 100 CHF to cover cancellation costs (excl. VAT). No refunds will be made for cancellations received after this date. Cancellations must be made in writing by e-mail, fax or airmail to the congress secretariat. Reimbursement will not be given for late arrival, unused services, unattended events or early departure from the congress.

## BADGES

Delegates will receive a name-badge when they register at the reception desk. The badge must be worn prominently in order to gain access to the training area during all scientific and social events. Admission will be refused to anyone not in possession of an appropriate badge. Please note that the badge will be scanned for the CME credits. Please ensure that you are scanned each day. Thank you.

## INSURANCE

Neither the organization nor the conference agency are responsible for individual medical, travel or personal insurance. Delegates are requested to arrange their own travel and health insurance. The organizers cannot assume liability for changes in the programme due to external circumstances.

# SOCIAL PROGRAMME

## CONFERENCE DINNER

FRIDAY, 25 JANUARY 2019 FROM 19:00



**Location:** Restaurant Tout un Monde, Place du village 7, CH – 1091 Grandvaux

**Departure:** 18:30 by bus at the CHUV parking

**Tickets:** CHF 70 per person (excluding 7.7% VAT); tickets are available at the registration desk!

# ABOUT LAUSANNE



Situated at the heart of the Lausanne-Morges agglomeration, the capital of the canton of Vaud is in the throes of development, with business, urban planning, public transport and mobility all sectors undergoing transformation. The fourth-largest city in Switzerland, Lausanne is set apart by its vocation as an Olympic city, a sustainable city and a place of training and culture. A very popular tourist destination, the city is also home to many international companies.



## TOURIST INFORMATION AND FREE PUBLIC TRANSPORTATION

If you are staying at a hotel in Lausanne, you will be offered a free transportation card upon your check in at the hotel. Use this card to visit some of the highlights that Lausanne has to offer or maybe venture a bit further and take a short ski vacation! For more information, visit the Lausanne Tourist Offices at the main train station or at the Ouchy Metro station or online at [www.lausanne-tourisme.ch](http://www.lausanne-tourisme.ch)

## HIGHLIGHTS

The Cathedral of Lausanne, The Olympic Museum, Ouchy, Lake Geneva, The UNESCO World Heritage: Lavaux vineyards

## TAKE A SHORT SKI BREAK!

The climate is usually cold in January with temperature of around 0 to 5° Celsius. Why not prolong your stay with a short ski break? Visit the Villars-Gryon or the Les Diablerets ski resorts just 45 min outside of Lausanne or for the more adventurous: the Chateau d'Oex and the Pays-d'Enhaut regions. All these ski resorts can be easily reached by train from Lausanne.

## BANKS AND CURRENCY EXCHANGE

The local currency is the Swiss Franc (CHF). One Swiss Franc equals approximately 0.85 Euro; or 1.00 USD (exchange rate valid in January 2019). Banking hours are from Monday to Friday: 9 am – 5 pm. Saturday: 9 am – 12 am

## SHOPPING

Shops in Lausanne are open Monday to Friday from 8:30 am to 7 pm and Saturday from 8:30 to 6:00 pm.















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13:00 - 13:45	Registration
13:45 - 14:00	<b>Presentation of the course</b> (room: Auditoire Charlotte-Olivier) <i>Nicole Sekarski, Cécile Tissot, Marie-Hélène Perez, Yogen Singh</i>
<b>BASICS OF ECHOCARDIOGRAPHY</b> Moderator: Joan Sanchez de Toledo	
14:00 - 15:00	<b>Basics of echocardiography</b> <i>Nicole Sekarski, Cécile Tissot</i>
15:00 - 16:00	<b>Standard views / Structural measurements</b> <i>Nicole Sekarski, Cécile Tissot</i>
16:00 - 16:15	Coffee break
16:15 - 16:45	<b>Evaluation of systolic function</b> <i>Joan Sanchez de Toledo</i>
<b>PULMONARY HYPERTENSION</b> Moderator: Thomas Conlon	
16:45 - 17:15	<b>Echocardiographic evaluation of pulmonary pressures</b> <i>Maurice Beghetti</i>
17:15 - 18:00	<b>Case presentation congenital</b>

FRIDAY, 25 JANUARY 2019

SEPARATE PROGRAM

	<b>NEONATAL PROGRAM</b> (room: Auditoire Charlotte-Olivier) Moderator: Nicole Sekarski	<b>INTENSIVIST CARE PROGRAM</b> (room: Auditoire Mathias Mayor) Moderator: Stefano di Bernardo
08:00 - 08:30	<b>Patent ductus arteriosus / Echocardiographic evaluation</b> <i>Sébastien Joye</i>	<b>Lung ultrasound</b> <i>Thomas Conlon</i>
08:30 - 09:00	<b>Transition / Echocardiographic evaluation</b> <i>Yogen Singh</i>	<b>Case presentation ICU</b>
09:00 - 09:30	<b>Case presentation neonate</b>	<b>Effusions / tamponade / thrombus</b> <i>Milan Prsa</i>
09:30 - 09:45	Coffee break	
<b>JOINT SESSION</b> (room: Auditoire Charlotte-Olivier) Moderator: Cécile Tissot		
09:45 - 10:15	<b>Hemodynamic evaluation by echocardiography</b> <i>Stefano di Bernardo</i>	
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12:00 - 13:30	Lunch	
13:30 - 17:00	Hands-on in small groups	
19:00 - 22:30	Conference Dinner - Restaurant Tout un Monde	

SATURDAY, 26 JANUARY 2019

09:00 - 12:00	Hands-on in small groups
12:00	<b>Closing remarks</b> (room: Auditoire Charlotte-Olivier) <i>Nicole Sekarski, Cécile Tissot, Yogen Singh, Marie-Hélène Perez</i>