

リモート・インストラクション環境下における 言語教育の課題

マサチューセッツ工科大学

相川孝子, PhD

(Senior Lecturer, Global Languages, MIT)

4月からの大学等遠隔授業に関する取組状況共有サイバーシンポジウム

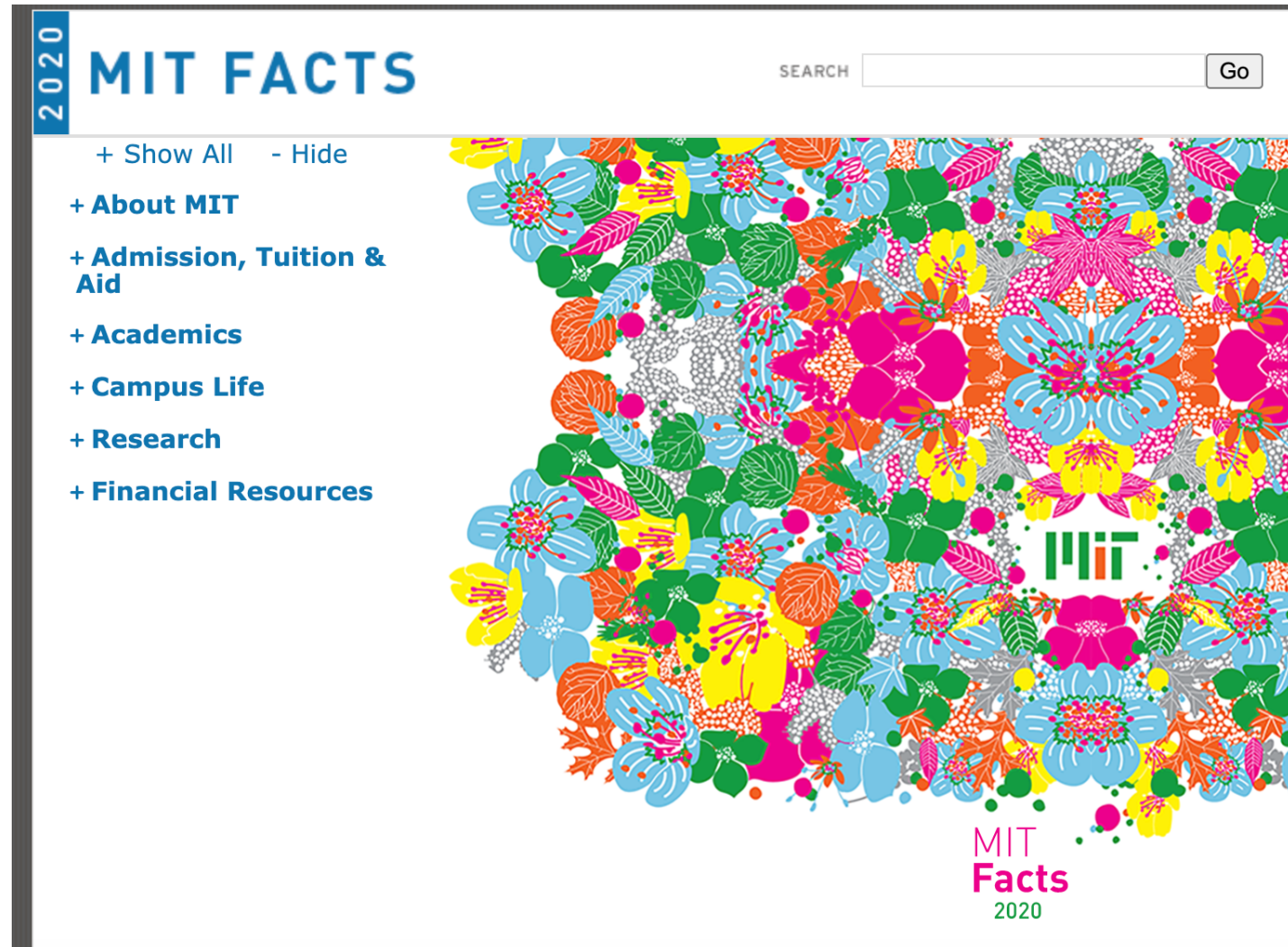
NII 国立情報学研究所

11/20, 2020

自己紹介

- マイクロソフト研究所 (1998~2013)
 - 自然言語処理、機械翻訳などの仕事
- 2013年7月 マサチューセッツ工科大学、Global Languages,
Sr. Lecturer, 日本語プログラムディレクター
- 個人研究
 - VR(バーチャル・リアリティ) を使った語学教育アプリの開発
 - 自然言語処理 (NLP), AIを使った日本語支援アプリの開発

MITの紹介



<http://web.mit.edu/facts/>

マサチューセッツ工科大学(MIT)



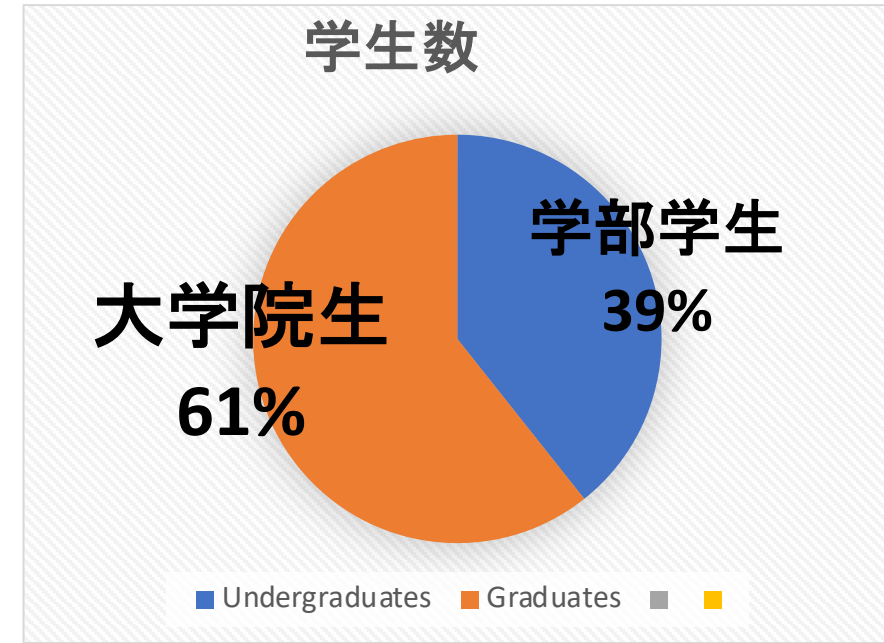
学生数

Students, Academic Year 2019–2020

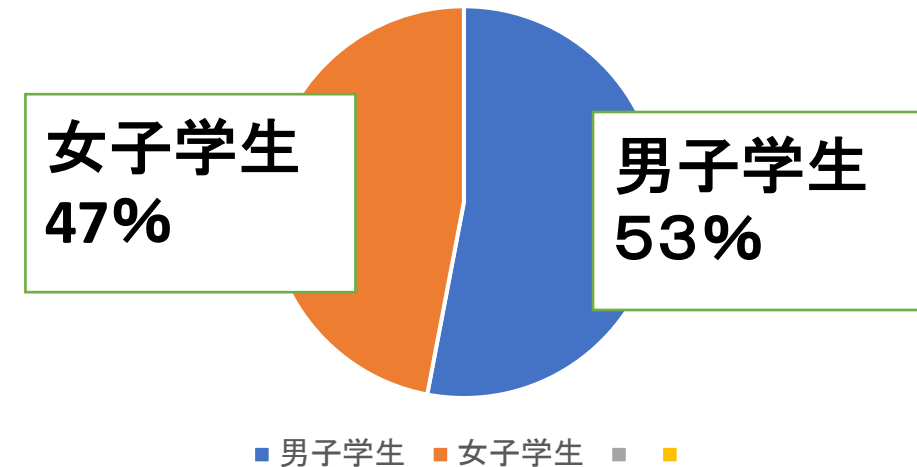
- Total: 11,520
- Undergraduates: 4,530
- Women: 2,123 (47%)
- Minorities: 2,331 (51%)
- Graduate students: 6,990
- Women: 2,529 (36%)
- Minorities: 1,337 (19%)

International Students, 2019–2020

- Undergraduate students: 458
- Graduate students: 2,873
- Exchange, visiting, special students: 644



男女の比率 (学部学生)



学部構成

Our schools

MIT is organized into several schools of study:

- School of Architecture and Planning
- School of Engineering
- School of Humanities, Arts, and Social Sciences
- MIT Sloan School of Management
- School of Science

Global Languages

建築・計画部

工学部

人文・社会科学部

経営学部

理学部

We also have the Schwarzman College of Computing that coordinates computing education, research, and infrastructure across the schools.

Covid-19への対応---tackling Covid-19 the MIT way---

<https://now.mit.edu/> データサイエンスに基づく対処

HEALTH & TESTING

CAMPUS ACCESS

CAMPUS OPERATIONS

LATEST UPDATES

POLICIES

FAQ

CONTACT



MIT NOW

ADAPTING TO COVID, KEEPING CONNECTED

**Undergraduate
Students**

**Graduate
Students**

Researchers

Staff

**Faculty & Teaching
Staff**

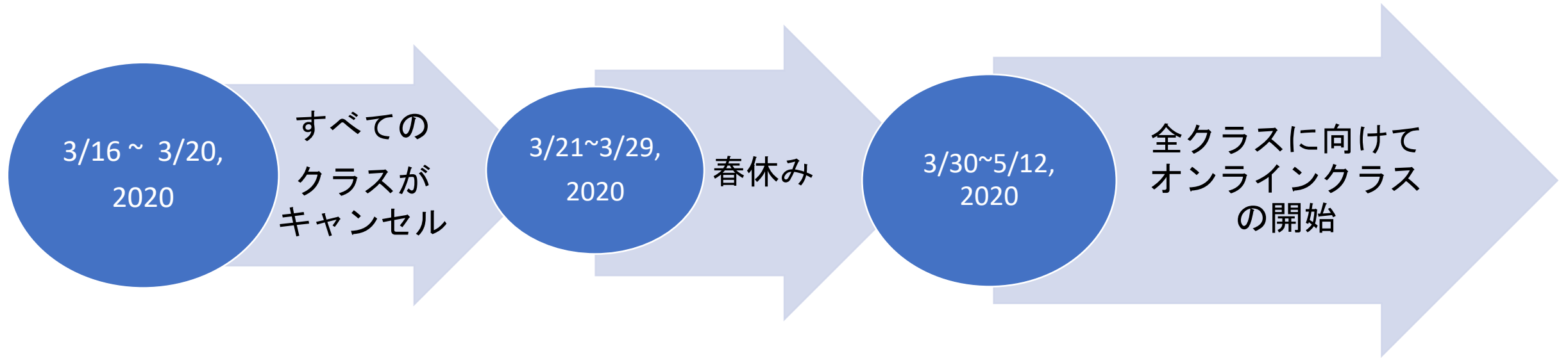
OUR SHARED COMMITMENT

Together, we're committed to tackling Covid-19 the MIT way – by standing with the science, working the problem, and modeling the solution for our community and beyond.

Our minds, hands, and hearts can make a difference.



2020年、春学期



2020年、夏休み(特に後半)

=> 秋学期(9/1, 2020~)に向けての準備

様々な教育工学機器、アプリ、Zoom、LMSなどの トレーニング

Teaching+
Learning Lab

SUBSCRIBE

CONTACT

SEARCH



HOME

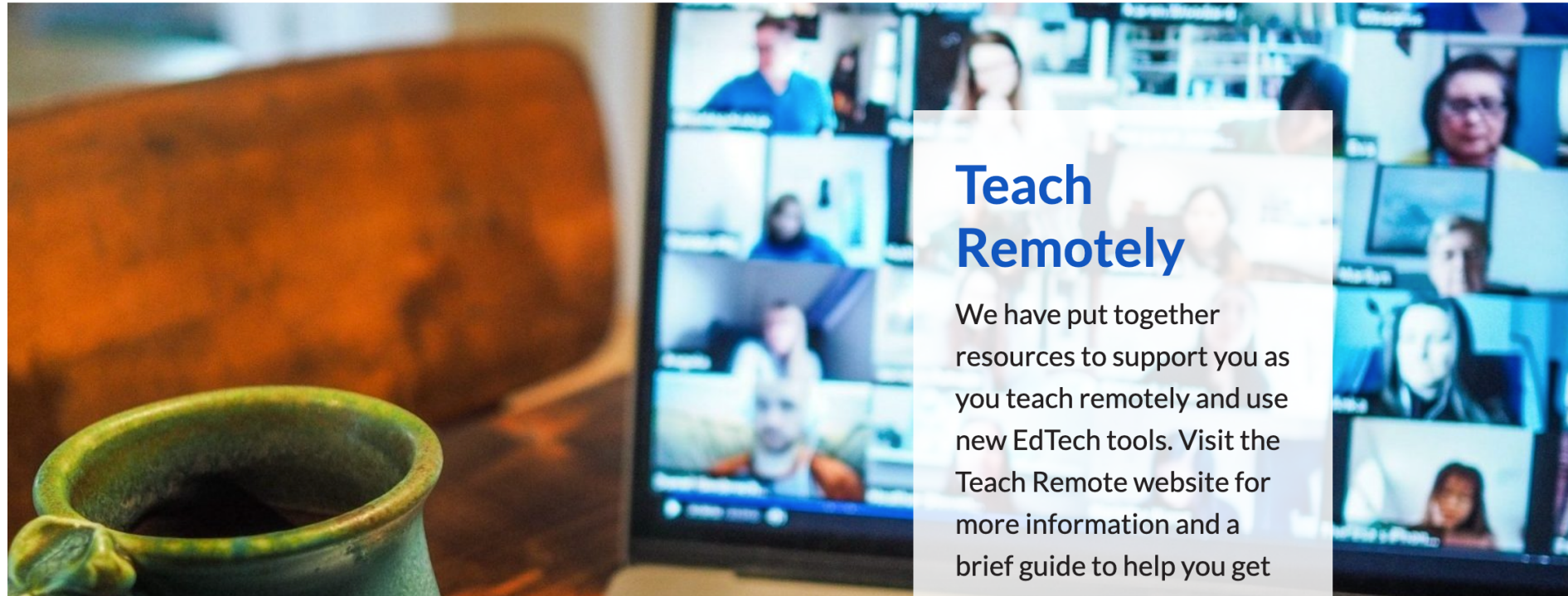
ABOUT

PROGRAMMING

RESEARCH & EVALUATION

TEACHING RESOURCES

BLOG



Teach Remotely

We have put together resources to support you as you teach remotely and use new EdTech tools. Visit the Teach Remote website for more information and a brief guide to help you get

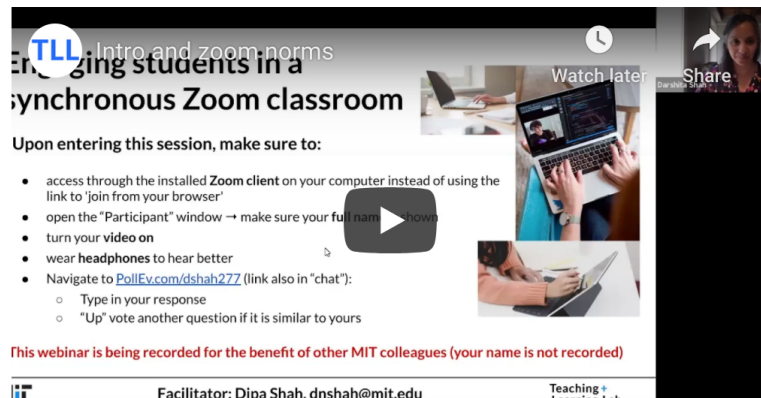
Teaching and Learning Lab によるトレーニング (1)

Zoom

Resources for those who are new to teaching
Zoom

The following video clips are excerpts from a Spring 2020 workshop: Engaging Students in a Synchronous Zoom
At the time, most MIT faculty had never taught a class on Zoom before. The workshop covered a lot of Zoom b to get everyone up to speed.

1. Norms for participation in Zoom (8 min)



TLL Intro and zoom norms
Engaging students in a synchronous Zoom classroom

Upon entering this session, make sure to:

- access through the installed **Zoom client** on your computer instead of using the link to "join from your browser"
- open the "Participant" window → make sure your full name is shown
- turn your **video on**
- wear **headphones** to hear better
- Navigate to [PollEv.com/dshah277](https://pollEv.com/dshah277) (link also in "chat"):
 - Type in your response
 - "Up" vote another question if it is similar to yours

This webinar is being recorded for the benefit of other MIT colleagues (your name is not recorded)

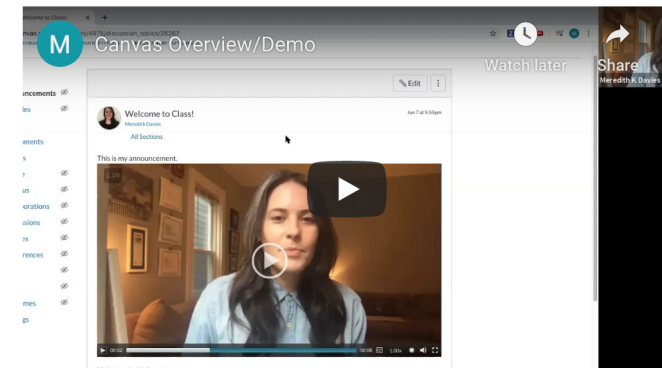
Facilitator: Dina Shah. dnshah@mit.edu

Canvas Training

Canvas Training

Meredith Davies, Senior Educational Technologist in Open Learning presents:

Canvas Basics:

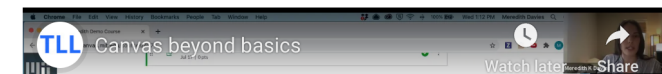


M Canvas Overview/Demo

Welcome to Class!

This is my announcement.

Canvas - Beyond the Basics



TLL Canvas beyond basics

Teaching and Learning Lab によるトレーニング (2)

Video Recording

High Quality Video Creation at Home

Wednesday, July 15

Chris Boebel, Media Development Director in Open Learning, walked us through basic location, setup considerations for creating a high-quality video setup at home.



様々な教育 アプリ



Teaching and Learning Lab によるトレーニング(3)

Engagement

Design for Engagement in Remote Subjects

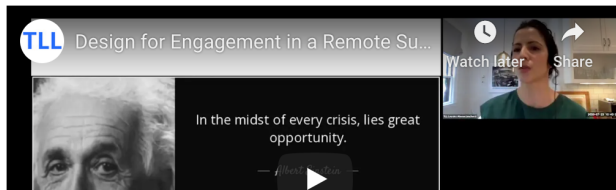
This 1.5 hr workshop introduced current challenges of remote learning for student engagement and presented specific strategies you can use to engage your students, encourage their participation, and promote their comprehension of the content.

Prior to viewing the workshop materials:

Please take 20-25 min to review the [Challenges of Remote Teaching and Learning](#). This primer will provide:

- an introduction to the challenges regarding remote teaching and learning, using data from MIT Spring 2020.
- a starting point for how to think about these challenges using strategies employed by MIT faculty

Materials from the July 23, 2020 Workshop



Community & Equity

Community & Equity in Remote Subjects

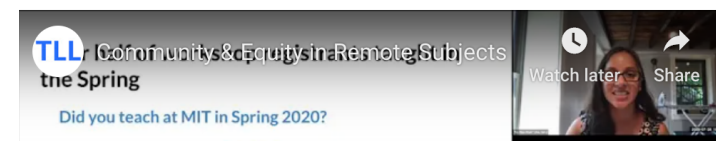
This 1.5 hr workshop showcased strategies used by other faculty during Spring 2020 to help build community. Participants considered the challenge of building community at the outset of a remote semester. Structures and norms, as well as “day-to-day” activities, can both increase equity and help students succeed in a remote context.

Prior to viewing the workshop materials:

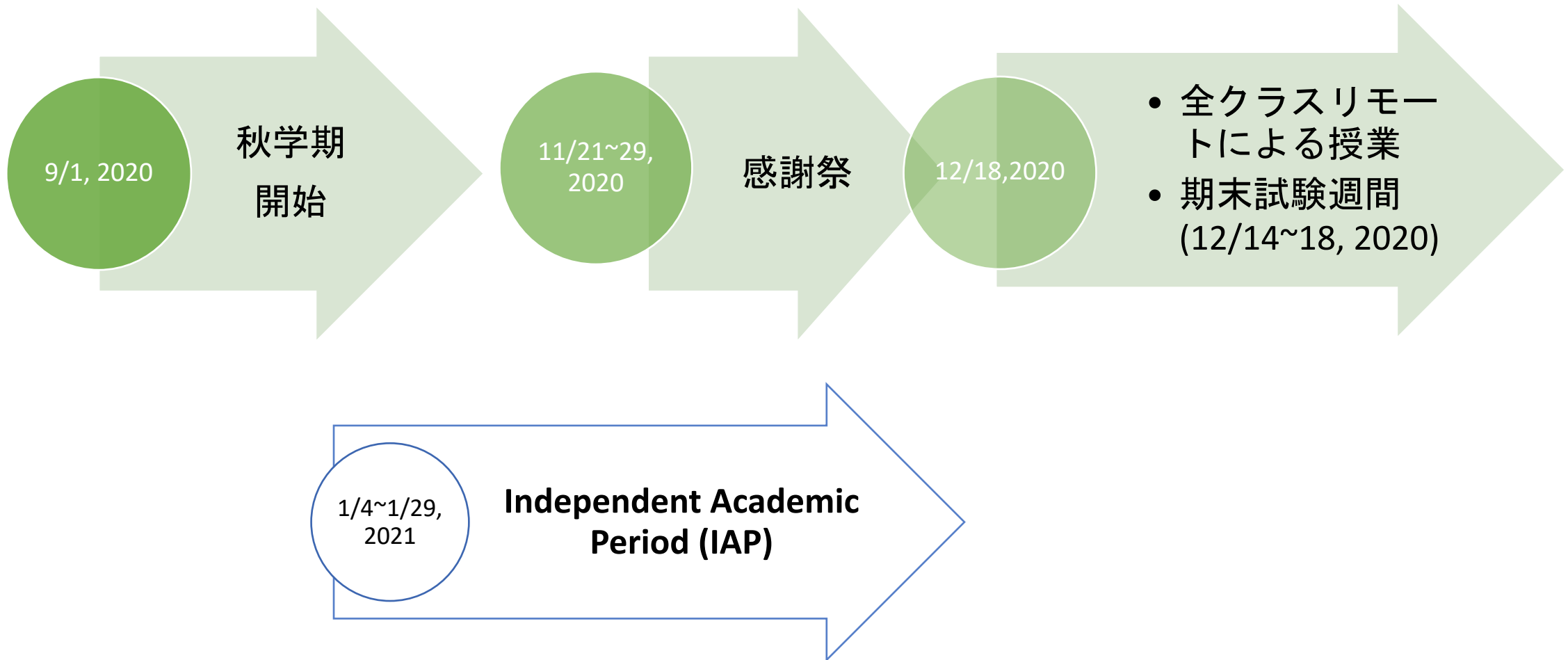
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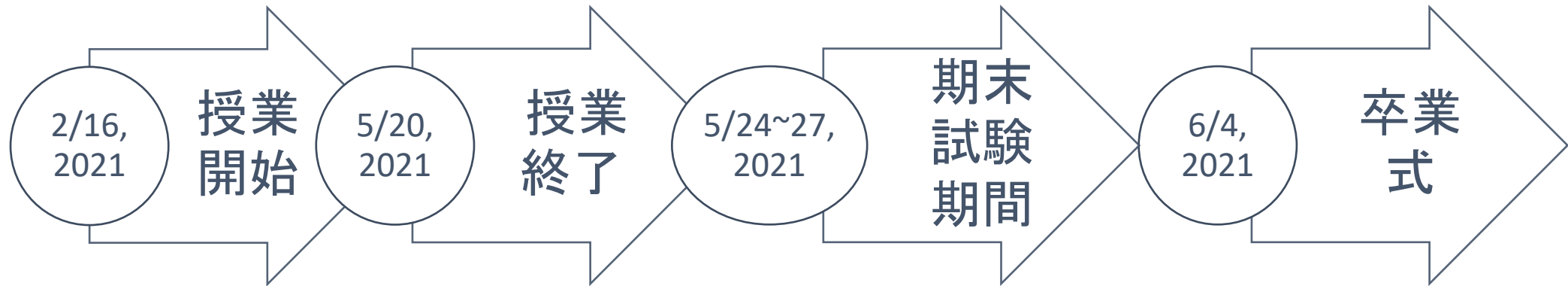
Materials from the July 28th workshop



秋学期、今後の予定...



春学期, 2021年 (予定)



MITでの外国語教育の位置づけ

グローバルな人材育成

Undergraduate Studies















50%以上の卒業生は、
在学中何らかの形で
International な経験 (海外
でのインターンシップ、
留学など)

100% of MIT undergraduates study the humanities, arts, and social sciences.

Language classes: Global Languages at MIT

Academics

Subjects	CI-H	EET & GLE	Student Awards	Advising Resources	Student Profiles	Transfer Credit
 African Studies	 Chinese Studies	 English Language Studies (ELS)	 French and Francophone Studies	 German Studies	 Japanese Studies	
 Korean Studies	 Portuguese Studies	 Russian Studies	 Spanish Studies	 Studies in International Literatures and Cultures	 Other Languages / Theory of Language	

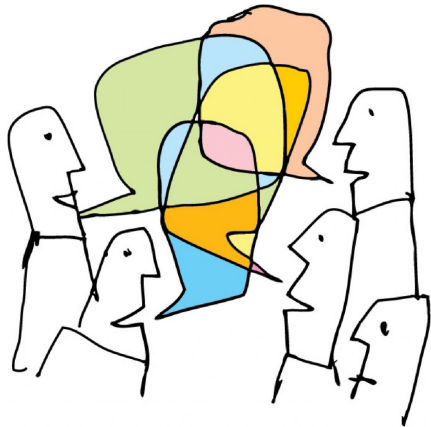
スペイン語、
ドイツ語、
フランス語、
ポルトガル語、
ロシア語、
中国語、
日本語、
韓国語、
ESL(英語)

MITでの日本語カリキュラム

- ・初級、中級、上級の3年カリキュラム

今学期のゴール

- ターゲット言語を使ってのコミュニケーション能力の上達
- 動機づけ
- 学生同士のコミュニティ形成



具体的な学習活動

- クラスの授業は、できるだけコミュニケーション能力の重視
- クラス外でできることは、クラス外で行う
- Learning activitiesをより楽しく
- ZoomのBreakout Roomによるクラスメートとのインタラククションを増やす
- Language Exchange (会話パートナー)のプログラムの奨励

東京工業大学との会話 パートナープログラム (Summer, 2020)

Fostering friendships and films from across the globe

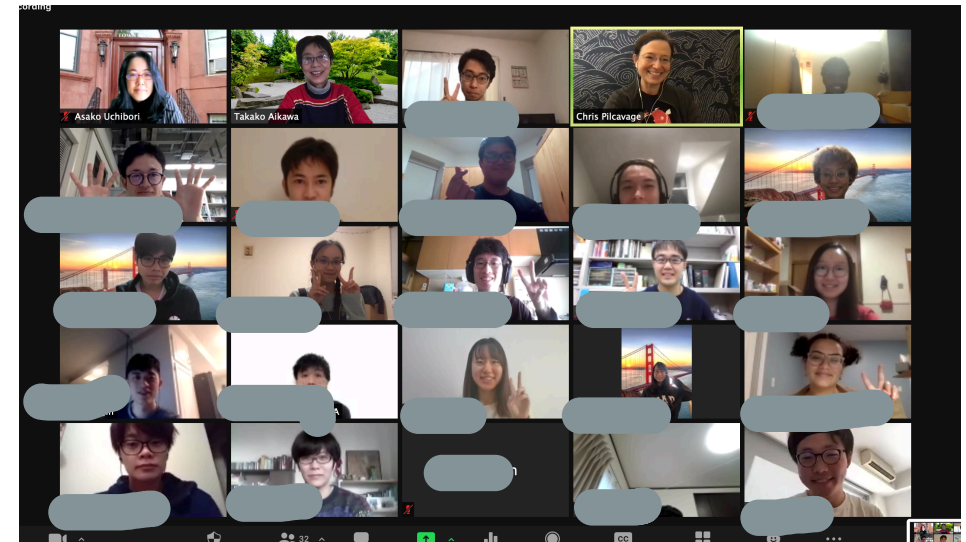
MISTI program connects MIT and Tokyo Tech students for an impactful summer experience.

MISTI
August 18, 2020



東京工業大学
グローバル人材育成推進支援室の
先生方

東京大学との会話 パートナープログラム (Fall, 2020)



東京大学、大学院工学系研究科
准教授、内堀朝子先生

リモート環境下での課題

- インターネットの安定性
- 時差の問題
- 偶発的出会い(accidental meeting)の不足
- 学生・教師の精神的ストレス

今後の展望

- より積極的なリモート・インストラクションの導入
- 教室活動(“in-class activities”)の見直し