

# **COLLAGREE: A Web-based Forum System for Large-Scale Consensus Building**

NIT Center for Collective Intelligence

# What is COLLAGREE?

- A Web-based forum system for large-scale consensus
  - **COL**lective, **COL**laborative, and **AGREE**ment
  - Social experiments of public debate and collaborative design



City planning

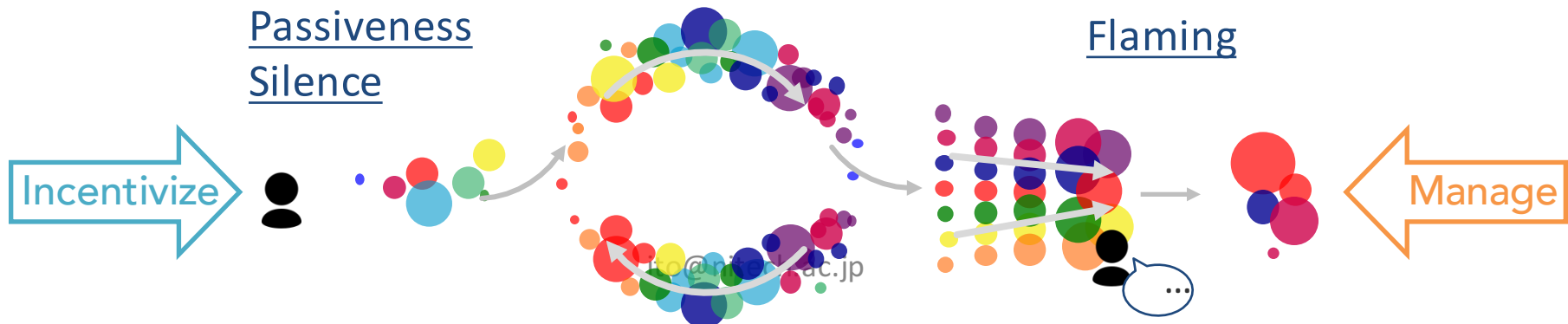
The importance of direct public debate has been increased.



Design

Much user voices are needed for developing new products.

- **Aim:** Incentivizing and Managing Large-scale Discussions



# Managing Discussion Structure: “Discussion Tree”

Participants can grasp the hierarchical structure of discussion threads from this tree visualization

COLLAGREE

discussion ranking **discussion tree**

Post

comment title

comment

ファイルを選択 選択されていません

post

Comments from the facilitator

divergence convergence consensus

What is Consensus Phase?

We can create final draft agreement in Consensus

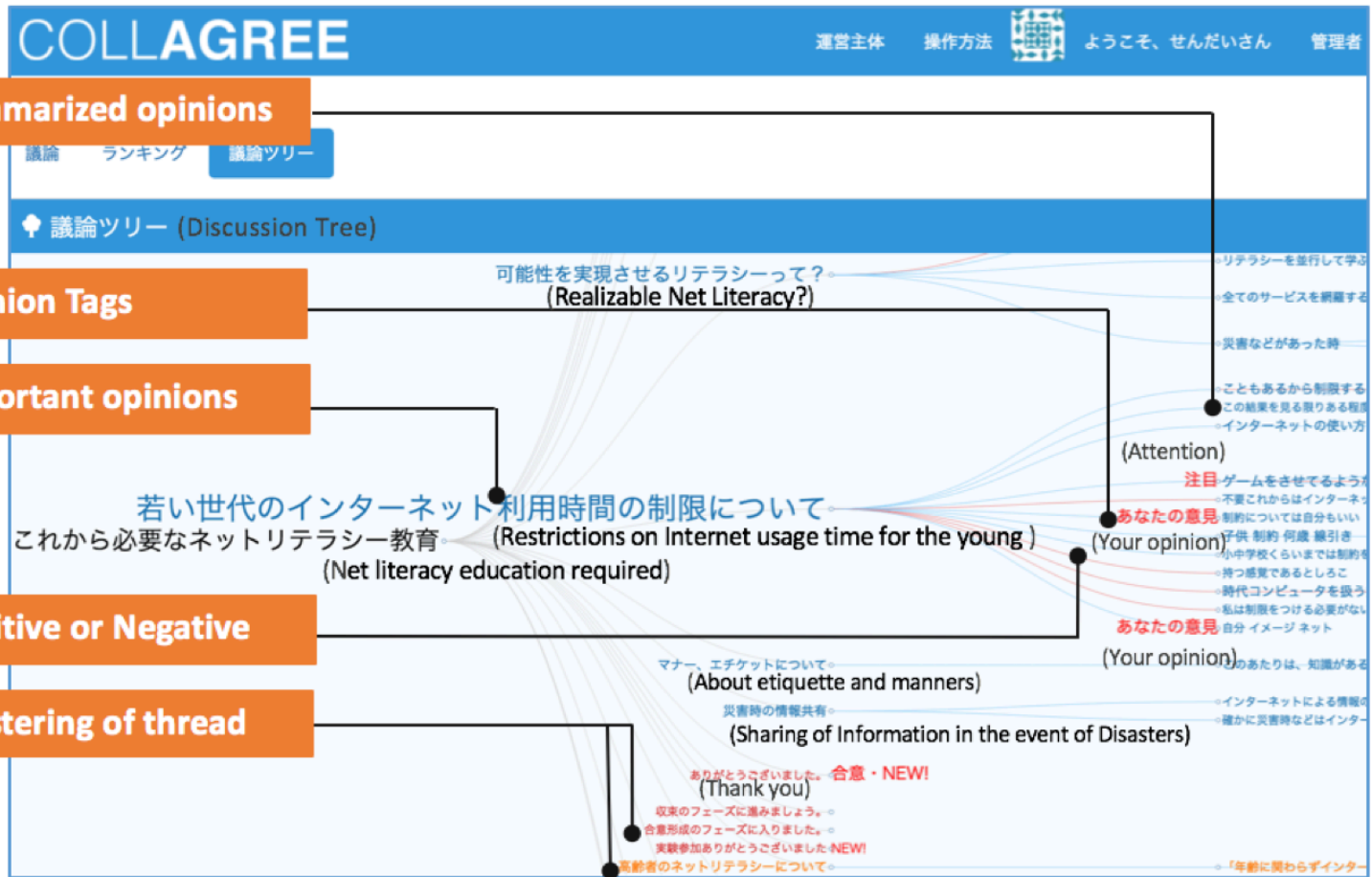
Summarized opinions

Opinion Tags

Important opinions

Positive or Negative

Clustering of thread



Discussion Tree

# Incentivizing Participants: “Discussion Points”

Gives “discussion points” to posting, replying, agreeing, etc.

A. Total points  
for this post

1. Posting points

**匿名コミュニケーション**  
73.75 points  
Facebookは実名で行うSNSですが、ツイッターは匿名で行うことができます。  
ツイッターやFacebookなどSNSを使っている人はどのような理由でそのサービス使っていますか？  
また使っていない人は、使っていない理由も教えてもらえると嬉しいです。  
よく利用するサービス  
あおのたす · 01/20 12:33 10 賛成 2 10 反対 2 いいね！ 0件 投稿No.46  
返信する · いいね！

**Facebookは徐々に覗くと同級生が結婚していたりして怖いです笑**  
だからあまり見ないですね・・・  
20.0 points  
Kaz · 01/21 14:00 いいね！ 1件 投稿No.77  
返信する · いいね！

**確かに同級生のプライベートな情報が載りすぎていますよね。**  
リアルのがりがり苦手な人には向かないかもしれません。  
0.0 points  
僕もあまりFacebookは見なくなりました。  
あおのたす · 01/22 12:54 いいね！ 0件 投稿No.88  
返信する · いいね！

2. Replying points

3. Agreeing points

## Discussion points

Point / 議論ポイント			
あなたの議論ポイントは <b>55.0</b> ポイントです！			
投稿	返信	賛同	活動ポイント
10.0	10.0	10.0	30.0
返信された	賛同された	評価ポイント	
20.0	5.0	25.0	

## User ranking

Ranking / 獲得ポイントランキング		
順位	ユーザー	ポイント
1	 あおのたす	463
2	 カニ	277
3	 フジモト	152

- Activating participation and eliciting important discussions

# Prizes

- Prizes are determined by the “Discussion Point”
  - Top three rankers win the Prizes
  - Amazon Gift Cards (1<sup>st</sup>: \$30, 2<sup>nd</sup>: \$20, 3<sup>rd</sup>: \$10)



# Login

- Access <http://collagree.com/>
- Your user accounts already exist
  - Email: Your email address used for the conference registration
  - Password: String before @ of your email address
    - In the case of [foo@bar.com](mailto:foo@bar.com), the initial password is “foo”
  - Please change your initial password after your first login!

COLLAGREE

[Organizers](#) [Usage](#) [Sign up](#) [Login](#)

## Login

Email:

Password

☐ Remember Me

Login

# Post Your Comments

- Input your comment and click on the post button!
  - Please reload manually after posting



**COLLAGREE**

Discussion Ranking Discussion tree

Post

Comment title

Comment

...

post

Comments from the facilitator

divergence

convergence

consensus

What is the Convergence Phase?

You can deepen our discussion in Convergence Phase. Let's improve our opinions.



testtest

Theme

Is Artificial Intelligence  
we do to avoid

Is Artificial Intelligence

16 38

Point

Your point is 0.0

# Comments from the facilitator

- The discussion facilitator will change the comment for your information according to the situation.

参照...


post

Comments from the facilitator


divergence

convergence

consensus

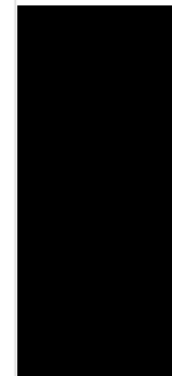
 What is the Divergence Phase?

You can give free opinion as much as possible like brain storming.



You can post your ideas or questions at any time even if someone is speaking.  
Don't hesitate to post your comments!

to avoid



Is Artificial Int  
should we do i

16 38

Point

Your point is

post r

0.0 (

[sorting] ☒ new ☐ point [narrowing] search



# What are the divergence, convergence , and consensus phases?

- Three discussion phases in COLLAGREE



👉 What is the Divergence Phase?

You can give free opinion as much as possible like brain storming.



👉 What is the Convergence Phase?

You can deepen our discussion in Convergence Phase. Let's improve our opinions.



👉 What is the Consensus Phase?

We can summarize final draft agreement in Consensus. Create the best agreement.

- The discussion phase is changed by the facilitator
- The definition of discussion point depends on the phases
  - So, please consider the phase when you post a comment