

# CADE Trustee Election 2019

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An election was held to fill 4 positions. Maria Paola Bonacina, Pascal Fontaine, Laura Kovacs, Aart Middeldorp, Renate Schmidt, and Christoph Weidenbach were nominated. 83 valid ballots were returned. Therefore, in each iteration of the single transferrable vote algorithm described in the CADE Bylaws, a candidate is elected if she or he gets *at least 42* first preference votes. Otherwise, the votes of the candidate with the least first preference votes are redistributed.

The following table reports the initial distribution of preferences among the candidates:

<i>Candidate</i>	<i>1st pref.</i>	<i>2nd pref.</i>	<i>3rd pref.</i>	<i>4th pref.</i>	<i>5th pref.</i>	<i>6th pref.</i>	<i>no supp.</i>
Maria Paola Bonacina	12	12	11	10	8	13	17
Pascal Fontaine	20	21	16	9	11	2	4
Laura Kovacs	10	12	16	23	7	7	8
Aart Middeldorp	10	11	10	12	13	15	12
Renate Schmidt	6	12	15	15	13	12	10
Christoph Weidenbach	25	14	12	5	11	8	8

No candidate reaches at least 42 first preference votes.

By redistributing the votes of Renate Schmidt, one gets the following table:

<i>Candidate</i>	<i>1st pref.</i>	<i>2nd pref.</i>	<i>3rd pref.</i>	<i>4th pref.</i>	<i>5th pref.</i>	<i>no supp.</i>
Maria Paola Bonacina	15	12	16	6	17	17
Pascal Fontaine	21	25	14	17	2	4
Laura Kovacs	10	14	24	20	7	8
Aart Middeldorp	11	13	12	13	22	12
Christoph Weidenbach	26	17	12	11	9	8

No candidate reaches at least 42 first preference votes.

By redistributing the votes of Laura Kovacs, one gets the following table:

<i>Candidate</i>	<i>1st pref.</i>	<i>2nd pref.</i>	<i>3rd pref.</i>	<i>4th pref.</i>	<i>no supp.</i>
Maria Paola Bonacina	16	17	16	17	17
Pascal Fontaine	25	27	23	4	4
Aart Middeldorp	13	14	20	24	12
Christoph Weidenbach	29	23	10	13	8

No candidate reaches at least 42 first preference votes.

By redistributing the votes of Aart Middeldorp, one gets the following table:

<i>Candidate</i>	<i>1st pref.</i>	<i>2nd pref.</i>	<i>3rd pref.</i>	<i>no supp.</i>
Maria Paola Bonacina	21	18	27	17
Pascal Fontaine	30	35	14	4
Christoph Weidenbach	32	24	19	8

No candidate reaches at least 42 first preference votes.

By redistributing the votes of Maria Paola Bonacina, one gets the following table:

<i>Candidate</i>	<i>1st pref.</i>	<i>2nd pref.</i>	<i>no supp.</i>
Pascal Fontaine	43	36	4
Christoph Weidenbach	38	37	8

Now, Pascal Fontaine reaches at least 42 first preference votes, and is elected.

To find the next elected candidate, we redistribute the votes of Pascal Fontaine and get the following table:

<i>Candidate</i>	<i>1st pref.</i>	<i>2nd pref.</i>	<i>3rd pref.</i>	<i>4th pref.</i>	<i>5th pref.</i>	<i>no supp.</i>
Maria Paola Bonacina	12	21	8	12	13	17
Laura Kovacs	13	19	25	11	7	8
Aart Middeldorp	14	11	17	14	15	12
Renate Schmidt	10	18	16	15	14	10
Christoph Weidenbach	33	13	8	13	8	8

No candidate reaches at least 42 first preference votes.

By redistributing the votes of Renate Schmidt, one gets the following table:

<i>Candidate</i>	<i>1st pref.</i>	<i>2nd pref.</i>	<i>3rd pref.</i>	<i>4th pref.</i>	<i>no supp.</i>
Maria Paola Bonacina	17	21	11	17	17
Laura Kovacs	14	27	25	9	8
Aart Middeldorp	16	15	18	22	12
Christoph Weidenbach	35	16	15	9	8

No candidate reaches at least 42 first preference votes.

By redistributing the votes of Laura Kovacs, one gets the following table:

<i>Candidate</i>	<i>1st pref.</i>	<i>2nd pref.</i>	<i>3rd pref.</i>	<i>no supp.</i>
Maria Paola Bonacina	20	28	18	17
Aart Middeldorp	19	25	27	12
Christoph Weidenbach	43	19	13	8

Now, Christoph Weidenbach reaches at least 42 first preference votes, and is elected.

To find the next elected candidate, we redistribute the votes of Christoph Weidenbach and get the following table:

<i>Candidate</i>	<i>1st pref.</i>	<i>2nd pref.</i>	<i>3rd pref.</i>	<i>4th pref.</i>	<i>no supp.</i>
Maria Paola Bonacina	21	17	12	16	17
Laura Kovacs	24	24	18	9	8
Aart Middeldorp	18	22	16	15	12
Renate Schmidt	19	15	22	17	10

No candidate reaches at least 42 first preference votes.

By redistributing the votes of Aart Middeldorp, one gets the following table:

<i>Candidate</i>	<i>1st pref.</i>	<i>2nd pref.</i>	<i>3rd pref.</i>	<i>no supp.</i>
Maria Paola Bonacina	26	19	21	17
Laura Kovacs	33	26	16	8
Renate Schmidt	22	26	25	10

No candidate reaches at least 42 first preference votes.

By redistributing the votes of Renate Schmidt, one gets the following table:

<i>Candidate</i>	<i>1st pref.</i>	<i>2nd pref.</i>	<i>no supp.</i>
Maria Paola Bonacina	36	30	17
Laura Kovacs	43	32	8

Now, Laura Kovacs reaches at least 42 first preference votes, and is elected.

To find the next elected candidate, we redistribute the votes of Laura Kovacs and get the following table:

<i>Candidate</i>	<i>1st pref.</i>	<i>2nd pref.</i>	<i>3rd pref.</i>	<i>no supp.</i>
Maria Paola Bonacina	26	21	19	17
Aart Middeldorp	27	27	17	12
Renate Schmidt	27	24	22	10

No candidate reaches at least 42 first preference votes.

By redistributing the votes of Maria Paola Bonacina, one gets the following table:

<i>Candidate</i>	<i>1st pref.</i>	<i>2nd pref.</i>	<i>no supp.</i>
Aart Middeldorp	41	30	12
Renate Schmidt	39	34	10

No candidate reaches at least 42 first preference votes.

By redistributing the votes of Renate Schmidt, one gets the following table:

<i>Candidate</i>	<i>1st pref.</i>	<i>no supp.</i>
Aart Middeldorp	71	12

Now, Aart Middeldorp reaches at least 42 first preference votes, and is elected.

To summarize, the 4 candidates elected are Pascal Fontaine, Christoph Weidenbach, Laura Kovacs, and Aart Middeldorp.