

**NADDRG EXECUTIVE COMMITTEE
MEETING AGENDA**

Date/Time: December 1, 2021 4:00-6:00 PM

Location: on line meeting

Executive Committee Members

			Attending:
Michael Worswick	- President	(term expires 2023)	Y
Sergey Golovashchenko	- Vice-President	(term expires 2023)	N
Ted McClure	- Treasurer	(term expires 2023)	N
David Anderson	- Secretary	(term expires 2023)	Y
Yuanli Bai	- Member-at-Large	(term expires 2022)	Y
Hyunok Kim	- Member-at-Large	(term expires 2023)	Y
Bill Frahm	- Member-at-Large	(term expires 2023)	Y
John Carsley	- Member-at-Large	(term expires 2022)	Y
Kester Clarke	- IDDRG Representative		Y
Constantin Chiriac	- Program Chair		Y
Danny Schaeffler	- Membership/Website		Y
Pete Ulintz	- Past President		Y

1. Approval of Agenda

2. Approval of Previous NADDRG Meeting Minutes – Approved by email in June 16 2021

3. Meeting Updates

2021 Fall Symposium

- December 2nd and 3rd 9:00 AM – 12:00 PM Eastern Time
- On line using Zoom and Skype software, meeting organized by Yuanli Bai, UCF
- Approximately 52 registered and 10 talks

2022 Spring Symposium

- May/June , 2022 8:00 AM - 4:30 PM
- Preferably in-person, The Inn at St. Johns, Plymouth, MI

4. Treasurers Report

5. Bylaws

6. Committee Reports

7. NADDRG Website (www.NADDRG.org)

8. IDDRG Activities

The 41st International Deep Drawing Research Group Conference “Beyond the horizon for conventional and non-conventional sheet forming processes” will be held on June 6 - 10, 2022 in Lorient, France and organized by Prof Sandrine THUILLIER, University Bretagne Sud and Dr Patrick DUROUX, ArcelorMittal France

Kester Clarke is the NADDRG representative to the IDDRG ExCo.

9. New Members

Application for provisional membership

Provisional Members promoted to Full Member status:

10. Other Business

Reaching out to sheet metal research organizations to create awareness and attract new members

**NADDRG EXECUTIVE COMMITTEE
MEETING AGENDA**

Date/Time: June 7, 2021 4:00-6:00 PM

Location: On-line meeting via WebEx facilitated by David Anderson

Executive Committee Members			Attending:
Michael Worswick	- President	(term expires 2023)	Y
Sergey Golovashchenko	- Vice-President	(term expires 2023)	Y
Ted McClure	- Treasurer	(term expires 2023)	Y
David Anderson	- Secretary	(term expires 2023)	Y
Yuanli Bai	- Member-at-Large	(term expires 2023)	Y
Hyunok Kim	- Member-at-Large	(term expires 2022)	Y
Bill Frahm	- Member-at-Large	(term expires 2023)	Y
John Carsley	- Member-at-Large	(term expires 2022)	Y
Kester Clarke	- IDDRG Representative		Y
Constantin Chiriac	- Program Chair		Y
Danny Schaeffler	- Membership/Website		Y
Pete Ulintz	- Past President		N

1. Approval of Agenda

2. Approval of Previous NADDRG Meeting Minutes – Approved by email in June 2021

3. Meeting Updates

2021 Spring Symposium

- June 10th and 11th, 2020 9:00 AM – 12:30 PM Eastern Time
- Zoom session to start at 8:30 for 30 minutes of informal discussion
- On-line using Zoom software, meeting organized by Yuanli Bai, UCF
- Approximately 60 registered and 12 talks
- Agreed to encourage using chat to ask questions and chair will direct traffic
- Chairs: David Anderson (Thursday am), Kester Clarke (Thursday pm), Yuanli Bai (Friday am), Constantin Chiriac (Friday pm)
- Chairs will try to maintain schedule
- Registration link to be sent after ExCo meeting and updated Wednesday evening with registered participants

2021 Fall Symposium

- December 2, 2021, 8:00 AM - 4:30 PM
- The Inn at St. Johns, Plymouth, MI
- Aiming for in-person meeting but will need to stay nimble

- Could hold a hybrid meeting but issues with hybrid is that people may not travel if given the option
- We are on the hook at The Inn for \$3000 for December
- In-person should be the goal but will need to take stock of the environment, there are too many variables currently to make a firm decision
- David and Mike to talk in mid-September and set up a meeting late-September to take stock of the situation

2020 Fall Symposium

- December 10 and 11 , 2020, 9:00 AM – 12:00 PM
- Held virtually via Zoom and organized by Yuanli Bai UCF
- 81 registered participants and 12 talks
- A survey was sent to registered participants after the meeting concluded to gauge effectiveness of virtual format; results were mostly positive with some useful constructive criticism
- Full survey questions and responses are at the end of these minutes

4. Treasurers Report

Ted McClure presented financials

- The Fall 2020 NADDRG Meeting was held virtually with no income or expenses.
- The date of the Inn at St. Johns contract for the planned live May 25, 2021 meeting was changed to December 2, 2021. We are committed for \$3,000 for the postponed meeting.
- Each year, NADDRG must submit two forms:
 - i. IRS Form 990-N is due on the 15th day of the 5th month following the end of NADDRG's fiscal year, or May 15th. Form 990-N can only be submitted via E-Postcard. If NADDRG does not file a Form 990-N for three consecutive years, it will automatically lose its tax-exempt status. NADDRG's IRS Form 990-N for tax year 2020 was filed on May 28, 2021.
 - ii. The Nonprofit Corporation Annual Report form is due to the State of Michigan each year by October 1st. The Michigan Corporation Division is supposed to send the Nonprofit Corporation Annual Report form to NADDRG in August of each year. If this form is submitted to the State of Michigan more than 2 years late, NADDRG will be automatically dissolved by the Corporation Division of the State of Michigan. NADDRG's Nonprofit Corporation Annual Report form for 2020 was filed with the State of Michigan on September 11, 2020. The Nonprofit Corporation Annual Report form for 2021 will be due to the state of Michigan by October 1st, 2021.
- Bank of America Certificate of Deposit # XXX939 renewed / reinvested on 2/28/2021
 - Current balance as of 6/4/2021 is \$10,457.04
 - 7 month certificate matures on 9/28/2021
 - Interest rate as of 06/04/2021 was 0.03%
 - Interest Total 2020 was \$3.15
- Bank of America Checking Account # XXXX 6664
 - Balance as of Last Financial Statement, 12/08/2020: \$13,883.81

- Balance as of 06/04/2021: \$13,883.81

5. Bylaws

- Nothing to report
- The ExCo hopes that Pete Ulinz will continue his role as By-Laws Champion

6. Committee Reports

New ExCo members elected on April 12, 2021

- Hyunok Kim (EWI) and Bill Frahm (4M Partners) were elected as new “At Large Members” and Kester Clarke (Colorado School of Mines) as our new representative to IDDRG. Welcome aboard!

Thank you to going ExCo members

- The current ExCo would like to thank several members who are stepping down from the ExCo: KS Raghavan has completed his term as “At Large Member”, Brandon Hance, is our past IDDRG Rep and Tom Stoughton was our previous Past President. All of these past ExCo members have been wonderful contributors and supporters of NADDRG and we offer our sincere appreciation and friendship.
- Special thanks goes out to several long-standing key contributors, in particular Pete Ulinz, our Past President and a long-serving ExCo member. Also, Ted McClure and Danny Schaeffler have been stalwart in their roles as Treasurer and Membership/Website. Thanks so much to all three of you!

7. NADDRG Website (www.NADDRG.org)

- Website updated with new ExCo, meeting minutes from Fall 2020 meeting, and details for Spring 2021 meeting including tentative talk list

8. IDDRG Activities

- The 40th International Deep Drawing Research Group Conference “Digital technologies in sheet metal forming” will be held Virtual on June 21 - July 2, 2021 and organized by Professor Matthias Liewald, University of Stuttgart. Pre-recorded format so you can pick and choose the talks to attend. Keynotes will be more live Q&A.
- The 41st International Deep Drawing Research Group Conference is planned in Lorient, France in June 2022 and is expected to be organized by Professor Pierre Yves Manach
- Kester Clarke approved as the NADDRG representative to the IDDRG ExCo.
- Discussion of promoting a North American IDDRG for 2026. Detroit would offer a great opportunity to get new members to NADDRG. Need to get word out to get people thinking about hosting.

9. New Members

Application for provisional membership

- Nothing to report

Provisional Members promoted to Full Member status

- Nothing to report

10. Other Business

When to start enforcing membership participation?

- There was agreement to start enforcing in 2020, but the COVID pandemic pushed that date out; likely to start the clock again starting at Fall NADDRG meeting in December.

Reaching out to sheet metal research organizations to create awareness and attract new members

- We do not seem to have a continuing in-flow of new people; generally the same people attend and participate. Should we start an outreach program to attract new members? Reach out to other industries different from automotive? Reach out to personal contacts (OEMS, parts suppliers, etc.)? What about Aluminum Association, APMA, PMA, FMA, AutoSteel Partnership, organizations with research departments in metal forming? Many lower-tier suppliers could benefit from the information presented. Publishing in trade magazines (stamping journal, metal forming, etc.) to advertise NADDRG meetings?
- What about student members? How do we keep them involved after they graduate? They would continue to receive meeting notices to their school email address, but they might not check or use once they graduate. Current by-laws don't currently support student membership. If we provide students with membership after they present will they want to stay involved?
- How far in advance is required to advertise to organizations? 3 months with a 1-month follow-up seems reasonable. A short blurb should be doable in a 3 month time frame; but a written article would likely take longer due to publication timeline
- Bill, Sergey, and Danny to form a sub-committee to reach out to organizations to create a strategy going forward.

Marketing-type presentations

- There was a discussion of the marketing-type presentation by Erichsen and if it should be allowed. It may not be the most technical presentation but it does introduce testing and equipment to those that may be unfamiliar. There was discussion with Erichsen to ensure they present some technical content.

NADDRG Fall 2020 Meeting Feedback

How was the audio quality of the symposium?

Poor: 0

Fair: 0

Good: 3 (8.82%)

Very Good: 12 (35.29%)

Excellent: 19 (55.88%)

How was the video quality of the symposium?

Poor: 0

Fair: 0

Good: 6 (17.65%)

Very Good: 7 (20.59%)

Excellent: 21 (61.76%)

How did you find the interactions during the symposium?

Poor: 0

Fair: 1 (2.94%)

Good: 5 (14.71%)

Very Good: 18 (59.24%)

Excellent: 10 (29.41%)

Did you prefer two half days compared to one full day for the symposium?

Yes: 32 (96.97%)

No: 1 (3.03%)

Free Form Feedback:

It would be helpful to establish a process how audience could ask questions and make comments. This time it was a mixture of reading the comments by the Chair and asking verbally. In some cases, it was difficult to figure out when I could insert my question. Overall, the meeting was a great success!

This is very good. I would suggest one meeting in Detroit and one virtual annually. It will benefit many other members who cannot travel to Detroit.

Worked great, but nothing beats an in-person symposium. Hopefully, once we get through this pandemic we will be able to go back to physical symposiums. Thank you.

Quality and stability of Zoom connection was best I've seen.

To say more regarding the "very good" for interactions, some of the discussions went on longer than necessary. These could have been taken off-line. Of course, this happens with in person meetings as well, so not a critique of the virtual format.

It would be preferable to limit the amount of questions after each presentation so that the timeline of the symposium is respected. Due to overly lengthy discussions, the breaks were dismissed, thus making it harder for the audience to stay focused.

my preference is two half days, but only for virtual presentations.

Since it is meeting at home, more convenient to use one half-day on weekend (Friday-Sat or Sun-Mon).

I thought the symposium was well managed and informative. Given it was our first virtual event, it was quite well done.

strongly prefer face to face, but for virtual the symposium was very well done. Thanks for all of the efforts by the Executive Committee to pull this off with minimal issues.

Well done, having the ability to preload questions during the presentation was a great way to get Q&A started and make sure everyone had a chance to get their questions answered.

two half days worked very well because it was virtual. When we go back to normal, I prefer to keep it at one full day

Q-4: Prefer two half days for on-line conference, but one full day if travelling to conference.

The interactions with speakers were very good. What I missed is the interaction among attendees during the coffee break. Suggestions - 1) filter out commercial talks; 2) include time zone in the announcement - not everyone is on the EST; and 3) it will be interesting to get people on the west coast as well if possible. I don't know whether we have our NADDRG members from Tesla, for example. Moving the time slots to a later time will allow more participations from the west coast. Great sessions overall!

Very well done!

I would be interested in some virtual NADDRG meetings even after the covid crisis is over. Maybe a hybrid with both options, or one in-person and one virtual each year.

Thank you for organizing committee members! It was a great meeting and much better than I expected!

I thought it went very well and commend the organizers for facilitating good discussion despite the virtual format. Thank you for your efforts!

A slightly later start might be useful for the mountain-time participants. Otherwise, this was a really insightful meeting for me.



30 November 2021 NADDRG Financial Statement

Bank of America Checking Account # XXXX 6664

Balance as of Last Financial Statement, 06/04/2021	\$13,883.81
Balance as of 11/30/2021	\$13,883.81

Date	Description	<u>Transactions</u>	Receipt	Disbursement
	No Activity		0.00	0.00
Totals			0.00	0.00

Bank of America Certificate of Deposit # XXX939

Renewed / reinvested on 09/28/2021	
Current balance as of 11/30/2021	\$10,458.62
7 month certificate matures on 4/28/2022	
Interest rate as of 11/30/2021	0.03%
Interest Total 2020	\$3.15

Note: We are committed to Inn at St. Johns for \$3000 for 05/19/2022 meeting scheduled.

Ted McClure, Treasurer
 Tuesday, November 30, 2021

Fall 2021 NADDRG Treasury Report: 11/30/2021

- The Spring 2021 NADDRG Meeting was held virtually with no income or expenses. The date of the Inn at St. Johns contract for the planned live December 2, 2021 meeting was changed to May 19, 2021. We are committed for \$3,000 for the postponed meeting,
- Each year, NADDRG must submit two forms:
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NADDRG
1217 ANDREWS AVE
LAKEWOOD, OH 44107-2403

Your Business Economy Checking

for October 1, 2021 to October 31, 2021

Account number: 0048 2525 6664

NADDRG

Account summary

Beginning balance on October 1, 2021	\$13,883.81	# of deposits/credits: 0
Deposits and other credits	0.00	# of withdrawals/debits: 0
Withdrawals and other debits	-0.00	# of deposited items: 0
Checks	-0.00	# of days in cycle: 31
Service fees	-0.00	Average ledger balance: \$13,883.81
Ending balance on October 31, 2021	\$13,883.81	

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IMPORTANT INFORMATION: BANK DEPOSIT ACCOUNTS

How to Contact Us - You may call us at the telephone number listed on the front of this statement.

Updating your contact information - We encourage you to keep your contact information up-to-date. This includes address, email and phone number. If your information has changed, the easiest way to update it is by visiting the Help & Support tab of Online Banking.

Deposit agreement - When you opened your account, you received a deposit agreement and fee schedule and agreed that your account would be governed by the terms of these documents, as we may amend them from time to time. These documents are part of the contract for your deposit account and govern all transactions relating to your account, including all deposits and withdrawals. Copies of both the deposit agreement and fee schedule which contain the current version of the terms and conditions of your account relationship may be obtained at our financial centers.

Electronic transfers: In case of errors or questions about your electronic transfers - If you think your statement or receipt is wrong or you need more information about an electronic transfer (e.g., ATM transactions, direct deposits or withdrawals, point-of-sale transactions) on the statement or receipt, telephone or write us at the address and number listed on the front of this statement as soon as you can. We must hear from you no later than 60 days after we sent you the FIRST statement on which the error or problem appeared.

- Tell us your name and account number.
- Describe the error or transfer you are unsure about, and explain as clearly as you can why you believe there is an error or why you need more information.
- Tell us the dollar amount of the suspected error.

For consumer accounts used primarily for personal, family or household purposes, we will investigate your complaint and will correct any error promptly. If we take more than 10 business days (10 calendar days if you are a Massachusetts customer) (20 business days if you are a new customer, for electronic transfers occurring during the first 30 days after the first deposit is made to your account) to do this, we will provisionally credit your account for the amount you think is in error, so that you will have use of the money during the time it will take to complete our investigation.

For other accounts, we investigate, and if we find we have made an error, we credit your account at the conclusion of our investigation.

Reporting other problems - You must examine your statement carefully and promptly. You are in the best position to discover errors and unauthorized transactions on your account. If you fail to notify us in writing of suspected problems or an unauthorized transaction within the time period specified in the deposit agreement (which periods are no more than 60 days after we make the statement available to you and in some cases are 30 days or less), we are not liable to you and you agree to not make a claim against us, for the problems or unauthorized transactions.

Direct deposits - If you have arranged to have direct deposits made to your account at least once every 60 days from the same person or company, you may call us to find out if the deposit was made as scheduled. You may also review your activity online or visit a financial center for information.

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Daily ledger balances

Date	Balance (\$)
10/01	13,883.81

Did you know your business may have a credit score?

It's important to have access to tools that help you understand your business credit.

That's why we've partnered with Dun & Bradstreet to provide free access to a business credit score.¹

To learn more visit bankofamerica.com/BusinessCreditScore.

¹ The Dun & Bradstreet Business Credit Score Program is for educational purposes and for your non-commercial, personal use only. This benefit is available only for U.S.-based Bank of America Small Business clients with an open and active Small Business account who have properly enrolled to access the Dun & Bradstreet business credit score in Business Advantage 360 and have a Dun & Bradstreet business credit score available. Dun & Bradstreet's business credit score (also known as "The D&B[®] Delinquency Predictor Score") is based on data from Dun & Bradstreet and may be different from other business credit scores. Dun & Bradstreet is a third party not affiliated with Bank of America and Bank of America makes no representation or warranty related to Dun & Bradstreet's business credit score.

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Fixed Term CD - 0939

Summary

Current balance: \$10,458.62
Date opened: 11/30/2007

NOTE: a penalty for early withdrawal may apply

Services

[View current CD rates](#)

Account details as of 11/30/2021

Nickname: **Fixed Term CD - 0939 Edit**
Account number: **Show Account number**
Current balance: **\$10,458.62**
Date opened: **11/30/2007**
Next maturity date: **04/28/2022**

Deposit

Beginning balance this term: **\$10,458.10**
Last renewal date: **09/28/2021**

Interest

Interest rate: **0.03%**
Annual percentage yield: **0.03%**
Interest earned not paid: **\$0.02**
Interest paid last year: **\$3.15**
Interest withheld for taxes this year: **\$0.00**
Interest withheld for taxes last year: **\$0.00**